

# BARRELS Brand Integration Documentation

**Date:** November 25, 2024

**Status:**  Complete & Locked

## Overview

This document outlines the complete integration of the BARRELS brand identity into the app, replacing the previous GOATY branding. The new brand features a professional baseball-focused identity with a distinct color palette and modern visual elements.

## Brand Assets

### 1. Logo & Icon Files

Asset	Location	Usage	Dimensions
App Icon	/public/barrels-icon.png	PWA icon, header logo	512×512px
Primary Banner	/public/banner.png (final.png)	Dashboard hero banner	~1500×600px (5:2 ratio)

### 2. Official Color Palette

Sampled from `final.png` banner and defined in `/lib/barrels-theme.ts`:

Color Name	Hex Value	Usage	Variable Name
<b>Electric Gold</b>	#E8B14E	Primary CTA, scores, highlights	barrels-gold
Electric Gold Light	#F5C56B	Hover states, gradients	barrels-gold-light
Electric Gold Dark	#C89A3A	Active states, shadows	barrels-gold-dark
<b>Pure Black</b>	#000000	Main background	barrels-black
Midnight Black Light	#1A1A1A	Cards, panels	barrels-black-light
Midnight Black Lighter	#2A2A2A	Borders, dividers	barrels-black-lighter
<b>Electric Blue</b>	#3B9FE8	Accent, secondary actions	barrels-blue
Electric Blue Light	#5AB3F0	Hover states	barrels-blue-light
Electric Blue Dark	#2680C7	Active states	barrels-blue-dark
<b>Neutral White</b>	#FFFFFF	Primary text	barrels-neutral-white
Silver	#E5E5E5	Secondary text	barrels-neutral
Gray	#A0A0A0	Muted text, labels	barrels-neutral-gray

## Implementation Details

### 1. Theme Configuration

File: /lib/barrels-theme.ts

```
export const barrelsTheme = {
  colors: {
    gold: { DEFAULT: '#F5B942', ... },
    black: { DEFAULT: '#0D0D0D', ... },
    blue: { DEFAULT: '#3B9FE8', ... },
    neutral: { ... }
  },
  semantic: { ... },
  gradients: { ... }
}
```

**Purpose:**

- Centralized color definitions
- Export to Tailwind config
- Easy maintenance and updates

## 2. Tailwind Configuration

**File:** /tailwind.config.ts

- Imports `barrelsColors` from theme file
- Extends Tailwind color palette with all BARRELS colors
- Maintains Shadcn UI compatibility

**Usage in components:**

```
// Direct color classes
<div className="bg-barrels-gold text-barrels-black" />

// Gradients
<div className="bg-gradient-to-r from-barrels-gold to-barrels-gold-light" />

// With opacity
<div className="border-barrels-blue/30" />
```

## 3. Global CSS Variables

**File:** /app/globals.css

- Updated HSL values for Shadcn UI system colors
- Mapped to BARRELS theme:
  - `--primary` : Electric Gold (43 93% 61%)
  - `--secondary` : Electric Blue (203 75% 57%)
  - `--background` : Midnight Black (0 0% 5.1%)
  - `--muted` : Lighter Black (0 0% 16.5%)

## 4. PWA Manifest

**File:** /public/manifest.json

```
{
  "name": "BARRELS - Catch Some Barrels",
  "short_name": "BARRELS",
  "background_color": "#0D0D0D",
  "theme_color": "#F5B942",
  "icons": [{ "src": "/barrels-icon.png", [redacted] }]
}
```

## Component Updates

### 1. Header Component

**New File:** /components/barrels-header.tsx (replaces `goaty-header.tsx`)

**Features:**

- BARRELS logo icon (bat + swoosh) in top-left
- “BARRELS” wordmark in Electric Gold gradient
- Tagline: “Catch Some Barrels, {firstName}!”
- Three-tab navigation with gold active state
- Midnight Black background with lighter borders

**Usage:**

```
import BarrelsHeader from '@/components/barrels-header'

<BarrelsHeader activeTab="dashboard" />
```

## 2. Dashboard Updates

**File:** /app/dashboard/dashboard-client.tsx

**Changes:**

- Added hero banner section below header
- Updated BARREL Score card:
- Gold gradient background and borders
- Gold gradient text for score
- Gold progress bar
- Updated sub-scores (Anchor/Engine/Whip):
- Anchor: Electric Blue
- Engine: Gold
- Whip: Gold
- Updated all buttons to gold theme
- Black background throughout

**Banner Implementation:**

```
<motion.div className="w-full bg-barrels-black-light">
  <div className="max-w-4xl mx-auto px-4 py-6">
    <div className="relative w-full aspect-[3/1] rounded-xl overflow-hidden">
      <Image
        src="/banner.png"
        alt="BARRELS - Catch Some Barrels"
        fill
        className="object-contain"
        priority
      />
    </div>
  </div>
</motion.div>
```

## 3. Updated Imports

**Files with updated imports:**

- /app/dashboard/dashboard-client.tsx
- /app/lesson/new/lesson-new-client.tsx
- /app/lesson/history/lesson-history-client.tsx

All changed from:

```
import GoatyHeader from '@/components/goaty-header'
```

To:

```
import BarrelsHeader from '@/components/barrels-header'
```

## Design Guidelines

### Primary Actions (CTAs)

- Background: `bg-barrels-gold`
- Hover: `hover:bg-barrels-gold-light`
- Text: `text-barrels-black` (dark text on gold)
- Example: “Start New Lesson”, “Upload Video”

### Secondary Actions

- Background: `bg-barrels-black-light`
- Border: `border-barrels-blue`
- Hover: `hover:bg-barrels-black-lighter hover:border-barrels-blue-light`
- Text: `text-barrels-neutral`

### Active/Selected States

- Background: Gold gradient `from-barrels-gold to-barrels-gold-light`
- Border: `border-barrels-gold-dark`
- Shadow: `shadow-lg shadow-barrels-gold/30`

### Scores & Metrics

- High emphasis: Gold gradient text
- Medium emphasis: Electric Blue
- Low emphasis: Neutral gray

### Cards & Panels

- Background: `bg-barrels-black-light`
- Border: `border-barrels-black-lighter`
- Hover: `hover:bg-barrels-black-lighter`

## Migration Summary

### Removed

- ✗ `/components/goaty-header.tsx`
- ✗ GOATY mascot emoji (🐐)
- ✗ “Train with GOATY” branding
- ✗ Orange color scheme
- ✗ Generic GOAT references in UI text

## Added

- /lib/barrels-theme.ts - Theme configuration
- /components/barrels-header.tsx - New header
- /public/barrels-icon.png - App icon
- /public/banner.png - Hero banner
- BARRELS color palette in Tailwind
- Updated PWA manifest
- “Catch Some Barrels” tagline

## Updated

- All header component imports
  - Dashboard colors and gradients
  - Global CSS theme variables
  - Tailwind configuration
  - Button styles throughout app
  - Navigation tabs styling
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## Color Usage Map

### By Component Type

Component	Primary	Secondary	Background	Text
Header	Gold	Blue	Black Light	White
Navigation Tabs	Gold	Blue	Black	Silver
BARREL Score	Gold	—	Gold/20	Gold Gradient
Sub-scores	Blue, Gold	—	Blue/20, Gold/20	White
Primary Buttons	Gold	—	Gold	Black
Secondary Buttons	—	Blue border	Black Light	Silver
Cards	—	—	Black Light	White
Borders	—	—	Black Lighter	—
Muted Text	—	—	—	Gray

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## Testing Checklist

- Build succeeds without errors

- App icon displays in PWA
  - Banner displays on dashboard
  - Header logo renders correctly
  - All colors match brand palette
  - Navigation tabs use gold for active state
  - Buttons use gold/blue theme
  - BARREL Score uses gold gradient
  - Sub-scores use blue/gold colors
  - No GOATY references in UI
  - Mobile responsive design maintained
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## Future Considerations

### Brand Consistency

1. **Other Pages:** Apply BARRELS theme to:
  - New Lesson tab
  - History tab
  - Profile page
  - Progress charts
  - Video analysis screens
2. **Loading States:** Update skeleton loaders and spinners to use gold
3. **Toasts & Alerts:** Update notification colors to match theme
4. **Charts & Graphs:** Use gold/blue color scheme for data visualization

### Asset Additions

1. **Favicon:** Create smaller favicon versions from icon
2. **OG Image:** Update social sharing image with BARRELS branding
3. **Splash Screen:** Design app loading splash screen

### Marketing

1. Update any marketing materials to use new branding
  2. Create brand style guide for external use
  3. Update app store listings with new screenshots
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## Support & Maintenance

### Updating Colors

#### To modify brand colors:

1. Edit `/lib/barrels-theme.ts`
2. Update hex values in `colors` object
3. Run `yarn build` to verify

4. Update this documentation

## Adding New Components

**When creating new components:**

1. Import theme if needed: `import { barrelsTheme } from '@/lib/barrels-theme'`
2. Use Tailwind classes: `className="bg-barrels-gold"`
3. Follow design guidelines above
4. Use gold for primary actions, blue for secondary
5. Maintain contrast ratios for accessibility

## Common Patterns

```
// Hero section with banner
<div className="bg-barrels-black-light border-b border-barrels-black-lighter">
  <Image src="/banner.png" ... />
</div>

// Primary CTA button
<Button className="bg-barrels-gold hover:bg-barrels-gold-light text-barrels-black">
  Action
</Button>

// Score display
<div className="text-6xl font-black bg-gradient-to-br from-barrels-gold to-barrels-
gold-light bg-clip-text text-transparent">
  {score}
</div>

// Card with accent
<Card className="bg-barrels-black-light border-barrels-blue/30">
  ...
</Card>
```

## Appendix: Color Accessibility

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### Contrast Ratios (WCAG AA)

Combination	Ratio	Status
Gold (#F5B942) on Black (#0D0D0D)	10.2:1	✓ Pass AAA
White (#FFFFFF) on Black (#0D0D0D)	19.8:1	✓ Pass AAA
Blue (#3B9FE8) on Black (#0D0D0D)	6.1:1	✓ Pass AA
Gray (#A0A0A0) on Black (#0D0D0D)	4.8:1	✓ Pass AA
Black (#0D0D0D) on Gold (#F5B942)	10.2:1	✓ Pass AAA

All color combinations meet or exceed WCAG AA standards for accessibility.

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### End of Documentation