

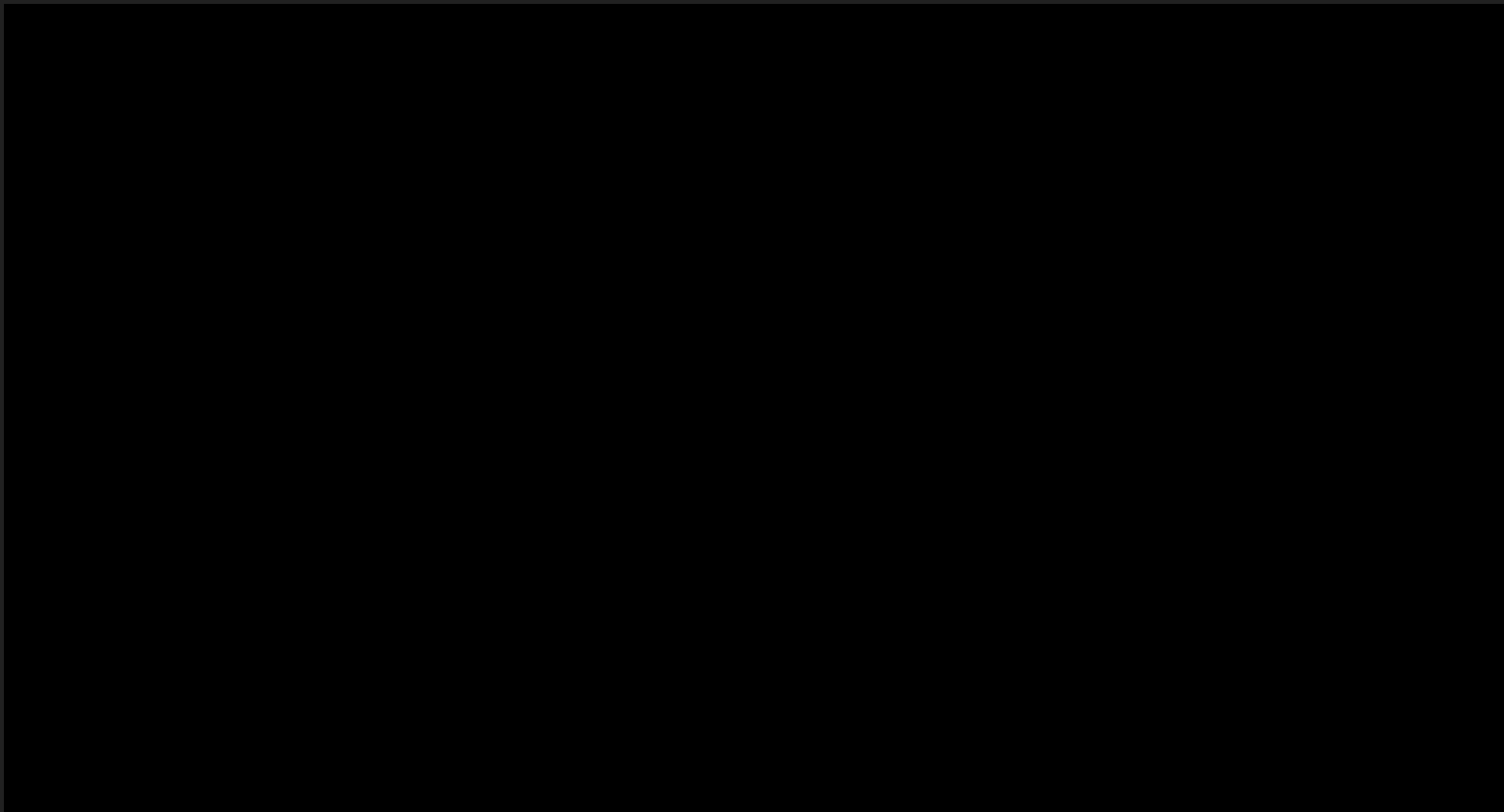


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Welcome to Gifyoda!

We have created a fun website that will translate your phrase into “Yodaspeak” with a randomly generated gif of Yoda with your translated text!





[Video Link](#)

Concept

WHEN the user enters a sentence or phrase

THEN it will be translated into how Yoda would say it

WHEN the user generates a yoda-speak quote

THEN they will be able to match that quote with a Star Wars gif

WHEN the user matches their text to a gif

THEN they will experience joy

Using the APIs below, our website will randomly generate a yoda gif and translate entered text into yoda speak.

<https://rapidapi.com/orthosie/api/yoda-translator>

<https://developers.giphy.com/docs/api/>

Motivation for Development

- Wanting to create gifs easily instead of having to search for the perfect one
- Endless entertainment



User Story

As a Star Wars fan, I want to be able to add phrases in Yoda-speak to Star Wars gifs, so that I can constantly entertain myself and my fellow Star Wars fans with constant Yoda humor.



Process

- ❑ Technologies Used:
 - ❑ Javascript:
 - ❑ Materialize CSS
 - ❑ API Pulls
- ❑ Tasks/Roles:
 - ❑ Chris - Javascript
 - ❑ HTML/CSS - Olivia, Jessica, Tien, Zak
- ❑ Challenges:
 - ❑ Selecting APIs
 - ❑ Various GIT issues
 - ❑ Work Schedules
- ❑ Successes:
 - ❑ Teamwork
 - ❑ Time Management



HTML

```
27 <form class="generate-gif input-field col l4" id="generate-gif">
28   <label for="phrase" class="green-text text-darken-2">Type your phrase here:</label>
29   <input type="text" id="phrase" name="phrase" minlength="1" maxlength="45" required autocomplete="off" class="materialize-textarea">
30   <button type="submit" class="btn hoverable" id="submit">Generate Gif</button>
31 </form>
32 <div class="resholder col l8 m12">
33   <h3>Your custom gif:</h3>
34   <div class="phrase" id="phrase">
35     <h1 class="finalPhrase" id="finalPhrase"></h1>
36   </div>
37   <div class="gif" id="gif"></div>
38 </div>
39
40 </div>
41
42 <script src="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.js"></script>
43 <script src="./js/main.js"></script>
```

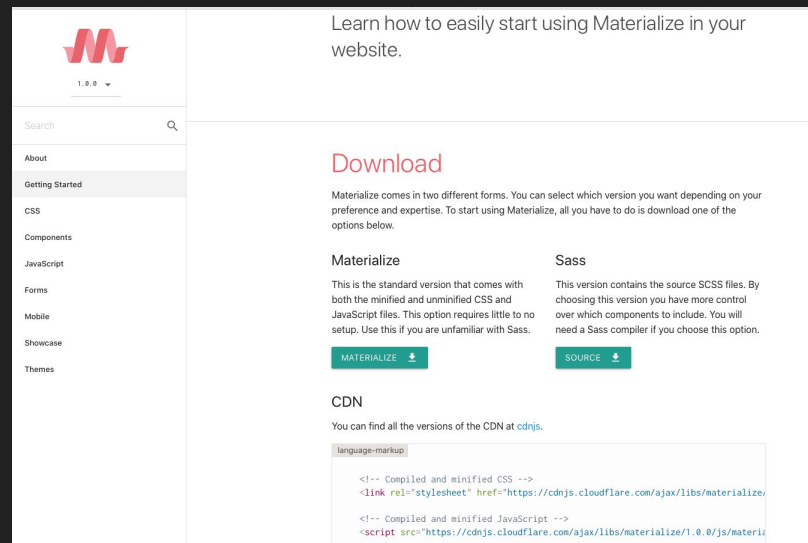

CSS

- Used Materialize Website to link CSS

- `link rel="stylesheet"`

`href="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/css/materialize.min.css">`

- Applied CSS styling in HTML



The screenshot shows the Materialize website. On the left is a navigation sidebar with links: About, Getting Started, CSS, Components, JavaScript, Forms, Mobile, Showcase, and Themes. The main content area has a header with the Materialize logo and a search bar. Below the header, there's a 'Download' section with two options: 'Materialize' (standard version) and 'Sass' (source SCSS files). Each option has a 'MATERIALIZE' or 'SOURCE' button with a download icon. Below the download section is a 'CDN' section with a text block stating 'You can find all the versions of the CDN at [cdnjs](#).' and a code block showing the HTML code to include the CSS and JavaScript files from the CDN.


Learn how to easily start using Materialize in your website.

Download

Materialize comes in two different forms. You can select which version you want depending on your preference and expertise. To start using Materialize, all you have to do is download one of the options below.


Materialize

This is the standard version that comes with both the minified and unminified CSS and JavaScript files. This option requires little to no setup. Use this if you are unfamiliar with Sass.

[MATERIALIZE](#) 

Sass

This version contains the source SCSS files. By choosing this version you have more control over which components to include. You will need a Sass compiler if you choose this option.

[SOURCE](#) 

CDN

You can find all the versions of the CDN at [cdnjs](#).

```
language-markup
<!-- Compiled and minified CSS -->
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/css/materialize.min.css">

<!-- Compiled and minified JavaScript -->
<script src="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.js">
```

Javascript: Giphy Fetch

```
36 // fetch yoda gif
37 var yodaGif =function(){
38     var gifApi = "https://api.giphy.com/v1/gifs/search?q=yoda&api_key=" + apiKey + "&limit=20";
39     fetch(gifApi)
40         .then(response => response.json())
41         .then(json => {
42             json.data
43             // .map(gif => gif.images.fixed_height.url)
44             // .forEach(url => {
45             var url= json.data[Math.floor(Math.random() *20)].images.fixed_height.url
46             var img = document.createElement('img')
47             img.src = url
48             // var gifHolder = document.querySelector("#gif");
49             gifHolder.appendChild(img);
50             // })
51         })
52
53     .catch(error => document.body.appendChild = error)
54 };
```

[Giphy Developer](#)

Javascript: Funtranslation Fetch

```
56 // fetch yoda translation
57 ∨ var yodaPhrase = function (){
58     console.log("called");
59     var phraseApi = "https://api.funtranslations.com/translate/yoda?text=" + text + "";
60     fetch (phraseApi)
61         .then((res) => res.json())
62         ∨ .then((data) => {
63             console.log(data);
64             console.log(data.contents);
65             console.log(data.contents.translated);
66             document.getElementById("finalPhrase").textContent=data.contents.translated;
67         })
68     .catch((err) => console.log(err));
69     clearInput();
70 };
71
```

[Yoda Translator](#)

Directions for future development

“Difficult to see. Always in motion is the future.” -Yoda

Some potential additions:

1. Overlay the text onto the Gif
2. Code the ability to copy the finished Gif
3. Explore the ability to text the finished Gif

Links

[Github Repo](#)

[Deployed APP](#)