Structure

vImage_YpCbCrToARGB

The information that describes the conversion from YpCbCr to ARGB.

iOS | iPadOS | Mac Catalyst | macOS | tvOS | visionOS | watchOS

```
struct vImage_YpCbCrToARGB
```

Topics

Initializers

`init()`

Creates a new description of the conversion from YpCbCr to ARGB.

`init(opaque: (UInt8, UInt8))`

Creates a new description of the conversion from YpCbCr to ARGB from the specfied bytes.

Instance Properties

```
var opaque: (UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8,
UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8,
UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8,
UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8,
UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8,
UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8,
UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8,
UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8,
UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8,
UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8,
UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8,
UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8,
UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8,
UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8, UInt8)
```
   The bytes of the opaque representation.

Relationships

Conforms To

`BitwiseCopyable`, `Sendable`

See Also

Generating conversion information

```
func vImageConvert_YpCbCrToARGB_GenerateConversion(UnsafePointer<vImage
_YpCbCrToARGBMatrix>, UnsafePointer<vImage_YpCbCrPixelRange>, Unsafe
MutablePointer<vImage_YpCbCrToARGB>, vImageYpCbCrType, vImageARGBType,
vImage_Flags) -> vImage_Error
```
   Generates the information that describes the conversion from YpCbCr to ARGB.

```
struct vImageYpCbCrType
```

Constants that describe the encoding of a YpCbCr image for conversions between RGB and YpCbCr.

struct `vImageARGBType`

Constants that describe the encoding of an ARGB image for conversions between RGB and YpCbCr.

struct `vImage_YpCbCrToARGBMatrix`

The 3 x 3 matrix that the vImage library uses to convert from YpCbCr to RGB.

struct `vImage_YpCbCrPixelRange`

The description of range and clamping information for YpCbCr pixel formats.