

# Converting Colors

YUV(206.4360, -5.1449,  
-76.6814)

Have a look what the booklet for  
YUV(206.4360, -5.1449, -76.6814)  
contains.

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# Color

**YUV(206.4360, -5.1449,  
-76.6814)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 77FDC4                       |
| RGB         | 119, 253, 196                |
| RGB Percent | 47%, 99%, 77%                |
| CMY         | 0.5333, 0.0078, 0.2314       |
| CMYK        | 0.53, 0.00, 0.23, 0.01       |
| HSL         | 154°, 97%, 73%               |
| HSV         | 154°, 53%, 99%               |
| XYZ         | 52.6968, 78.1580, 64.5331    |
| YIQ         | 206.4360, -61.5670, -46.1350 |

# Conversions

## Conversions Part 2

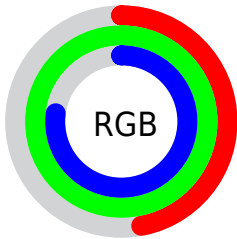
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">119, 204, 253</a>                   |
| Decimal                             | <a href="#">7863748</a>                         |
| CIELab                              | <a href="#">90.85, -49.81, 16.23</a>            |
| CIElCh                              | <a href="#">91, 52.389, 161.953</a>             |
| Yxy                                 | <a href="#">78.1580, 0.2697,<br/>0.4000</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4286053828<br/>(0xFF77FDC4)</a>     |
| YUV                                 | <a href="#">206.4360, -5.1449,<br/>-76.6814</a> |
| Hunter-Lab                          | <a href="#">88.4070, -48.3137,<br/>18.6059</a>  |

# Details

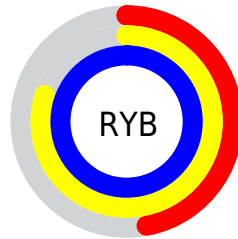
The YUV color **206.4360, -5.1449, -76.6814** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **165.5640, 5.1449, 76.6814**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.0480, 10.3293, -46.5231**, and **147.0870, -2.5079, -82.5143** is the 20% darker color. If you saturate the color by 10%, you get **197.7070, -6.2646, -90.9510**, and if you desaturate by 10%, it is **215.1650, -4.0253, -62.4117**.

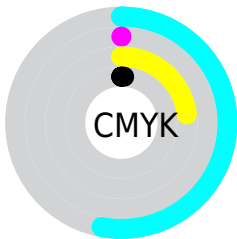
# Distribution



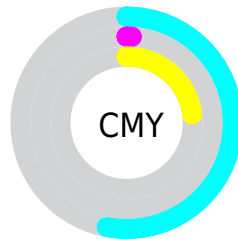
- Red (47%)
- Green (99%)
- Blue (77%)



- Red (47%)
- Yellow (80%)
- Blue (99%)



- Cyan (53%)
- Magenta (0%)
- Yellow (23%)
- Black (1%)



- Cyan (53%)
- Magenta (1%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 206.4360, -5.1449, -76.6814 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 206.4360, -5.1449, -76.6814 by changing the saturation by 10% instead.




 206.4360, -5.1449,  
-76.6814

 206.4360, -5.1449,  
-76.6814

255.0000, 0.0000,  
0.0000


 177.0660, -3.9765,  
-78.1109


 232.0480, 10.3293,  
-46.5231


 147.0870, -2.5079,  
-82.5143


 241.2460, 6.7807,  
-28.2797

 111.9540, 2.4877,  
-98.1837

 250.2160, 2.3585,  
-9.8364

 93.2550, -0.6187,  
-81.7846

 74.6700, -3.2883,  
-65.4856

 57.3730, -6.0999,  
-50.3161

 40.3040, -8.0379,

-35.3466

■ 24.6540, -12.1544,  
-21.6216

■ 3.5220, -1.7363,  
-3.0888

■ 206.4360, -5.1449,  
-76.6814

■ 206.4360, -5.1449,  
-76.6814

■ 197.7070, -6.2646,  
-90.9510

■ 215.1650, -4.0253,  
-62.4117

■ 188.6790, -7.2367,  
-105.8355

■ 224.1930, -3.0531,  
-47.5273

■ 180.0640, -7.9196,  
-120.2051

■ 232.8080, -2.3703,  
-33.1576

■ 171.3350, -9.0392,  
-134.4748

■ 241.5370, -1.2507,  
-18.8879

■ 165.0410, -9.8802,  
-144.7410

■ 250.5650, -0.2785,  
-4.0035

■ 253.8260, 0.5788,  
1.0296

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.7570, -31.9252, -26.9739



206.4360, -5.1449, -76.6814



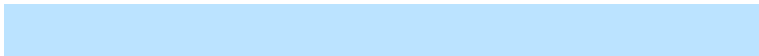
177.9570, 34.5312, -156.0683

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



206.4360, -5.1449, -76.6814



218.2320, 18.1266, -27.3905



211.1670, -23.2533, 38.4415

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



206.4360, -5.1449, -76.6814



165.5640, 5.1449, 76.6814

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211.1280, -0.5561, 38.4757



206.4360, -5.1449, -76.6814



227.4110, 13.6014, 24.1956

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.4360, -5.1449, -76.6814



197.1260, 28.5319, -98.3345



218.6060, 17.9422, 31.9175



217.6120, -41.7137, 32.7893



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



206.4360, -5.1449, -76.6814



178.1680, 37.8782, -156.2533



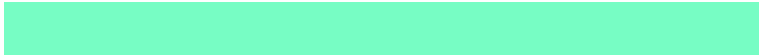
218.6060, 17.9422, 31.9175



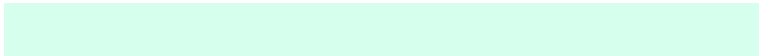
210.4150, -15.9806, 39.1010

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



206.4360, -5.1449, -76.6814



240.8030, -1.3819, -23.5062



215.0000, -47.3280, -33.3260



119.2710, -1.1196, -14.2697



0.0000, 0.0000, 0.0000

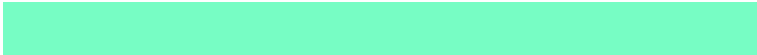


128.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



206.4360, -5.1449, -76.6814



198.3970, -6.1117, -93.3102



207.6510, 22.3571, -77.7469



123.4290, -0.7045, -7.3922



124.6570, -7.2259, -109.3242



41.7860, -2.3595, -36.6463



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



165.5640, 5.1449, 76.6814



148.6030, 6.1117, 93.3102



164.3490, -22.3571, 77.7469



119.4570, 0.2677, 7.4922



66.3430, 7.2259, 109.3242

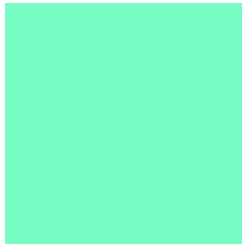


22.2140, 2.3595, 36.6463



# Previews

## White Background



This preview shows how the YUV color 206.4360, -5.1449, -76.6814 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 206.4360, -5.1449, -76.6814 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 206.4360, -5.1449, -76.6814 Background



This preview shows how black text looks on a background with the YUV color 206.4360, -5.1449, -76.6814.



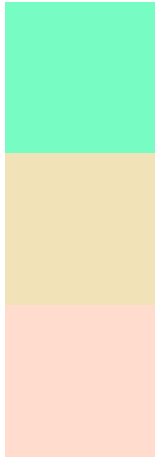
This preview shows how white text looks on a background with the YUV color 206.4360, -5.1449, -76.6814.

-76.6814.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

206.4360, -5.1449, -76.6814

### Protanopia

226.1700, -21.2828, 13.0059

### Deuteranopia

228.8690, -11.2744, 22.9169



## **Tritanopia**

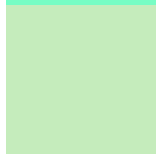
219.8830, 17.3127, -46.3784

# Trichromacy



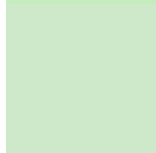
## Original Color

206.4360, -5.1449, -76.6814



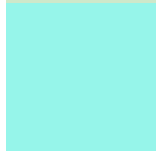
## Protanomaly

218.8670, -15.2174, -19.1774



## Deuteranomaly

220.8060, -9.2714, -12.9849



## Tritanomaly

215.3410, 9.1989, -57.3041

# Monochromacy



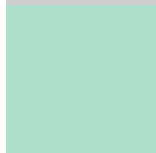
## Original Color

206.4360, -5.1449, -76.6814



## Achromatopsia

206.0000, 0.0000, 0.0000



## Achromatomaly

205.9550, -1.9498, -28.0245

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 206.4360, -5.1449, -76.6814 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(119, 253, 196)` looks like.

```
.text, #text, p{  
    color:rgb(119, 253, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(119, 253, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 253, 196) }
```

## Border

The CSS property to change the border of an element to YUV 206.4360, -5.1449, -76.6814 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 253, 196) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(119, 253, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(119, 253, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 253, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 253, 196);  
box-shadow:4px 4px 4px 4px rgb(119, 253,  
196) }
```

# Background

The CSS property to change the background color of an element to YUV 206.4360, -5.1449, -76.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 253, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(119,  
253, 196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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