

# Converting Colors

YUV(201.0760, 17.7105,  
-80.7507)

Have a look what the booklet for  
YUV(201.0760, 17.7105, -80.7507)  
contains.

<b>YUV(201.0760, 17.7105, -80.7507)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(201.0760, 17.7105,  
-80.7507)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DF1ED
RGB	109, 241, 237
RGB Percent	43%, 95%, 93%
CMY	0.5725, 0.0549, 0.0706
CMYK	0.55, 0.00, 0.02, 0.05
HSL	178°, 82%, 69%
HSV	178°, 55%, 95%
XYZ	53.0480, 72.2762, 91.2755
YIQ	201.0760, -77.3880, -29.2280

# Conversions

## Conversions Part 2

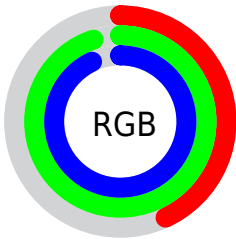
Format	Color
<a href="#">RYB</a>	<a href="#">109, 176, 241</a>
Decimal	<a href="#">7205357</a>
CIELab	<a href="#">88.10, -37.04, -9.09</a>
CIELCh	<a href="#">88, 38.145, 193.793</a>
Yxy	<a href="#">72.2762, 0.2449, 0.3337</a>
Android (android.graphics.Color)	<a href="#">4285395437 (0xFF6DF1ED)</a>
YUV	<a href="#">201.0760, 17.7105, -80.7507</a>
Hunter-Lab	<a href="#">85.0154, -37.3963, -4.1450</a>

# Details

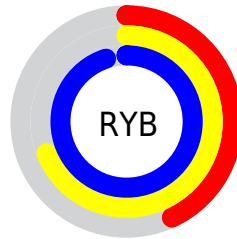
The YUV color **201.0760, 17.7105, -80.7507** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **148.9240, -17.7105, 80.7507**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.8840, 12.3822, -51.6413**, and **138.5090, 20.9481, -92.5314** is the 20% darker color. If you saturate the color by 10%, you get **193.7860, 20.8115, -95.4053**, and if you desaturate by 10%, it is **208.3660, 14.6096, -66.0960**.

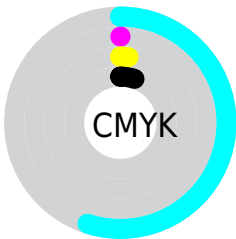
# Distribution



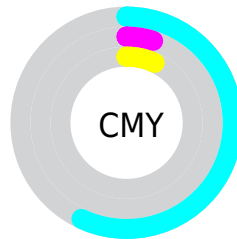
- Red (43%)
- Green (95%)
- Blue (93%)



- Red (43%)
- Yellow (69%)
- Blue (95%)



- Cyan (55%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (57%)
- Magenta (5%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 201.0760, 17.7105, -80.7507 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 201.0760, 17.7105, -80.7507 by changing the saturation by 10% instead.



201.0760, 17.7105,  
-80.7507

201.0760, 17.7105,  
-80.7507

255.0000, 0.0000,  
0.0000

170.9940, 18.7370,  
-83.3097

229.8840, 12.3822,  
-51.6413

138.5090, 20.9481,  
-92.5314

238.8540, 7.9600,  
-33.1980

109.7150, 21.8325,  
-96.2201

248.1230, 3.3904,  
-14.1399

91.4890, 17.9999,  
-80.2359

73.3770, 14.6041,  
-64.3516

55.9660, 11.3558,  
-49.0822

39.3700, 8.6916,

-34.5275

■ 25.1220, 4.8699,  
-22.0320

■ 2.1830, 5.8258,  
-1.9145

■ 201.0760, 17.7105,  
-80.7507

■ 201.0760, 17.7105,  
-80.7507

■ 193.7860, 20.8115,  
-95.4053

■ 208.3660, 14.6096,  
-66.0960

■ 186.6100, 24.3493,  
-110.1600

■ 215.5420, 11.0718,  
-51.3413

■ 179.3200, 27.4502,  
-124.8146

■ 222.8320, 7.9708,  
-36.6867

■ 172.0300, 30.5512,  
-139.4693

■ 230.1220, 4.8699,  
-22.0320

■ 168.1430, 32.4675,  
-147.4614

■ 237.4120, 1.7689,  
-7.3773

■ 244.8870, -1.9163,  
7.9921

■ 245.3000, -1.6269,  
8.5069

■ 245.4140, -1.1901,  
8.4069

■ 245.5280, -0.7533,  
8.3069

# Harmonies

## Analogous

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



207.3340, -3.6157, -53.7899



201.0760, 17.7105, -80.7507



199.8720, 27.1781, -84.0797

# Triad

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



201.0760, 17.7105, -80.7507



223.8450, 15.3594, 20.3069



218.0170, -32.5464, 32.4341

# Complementary

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



201.0760, 17.7105, -80.7507



148.9240, -17.7105, 80.7507

# 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.



213.2530, -20.3377, 36.6121



201.0760, 17.7105, -80.7507



218.8850, 11.3957, 31.6729

# Square

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



201.0760, 17.7105, -80.7507



216.8250, 18.8203, -16.5095



213.4930, -4.1870, 36.4016



217.0590, -33.0601, 10.4723

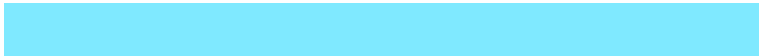


# Rectangle

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



201.0760, 17.7105, -80.7507



203.8140, 25.2347, -67.3659



213.4930, -4.1870, 36.4016



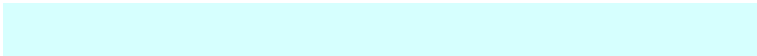
216.2390, -29.2048, 33.9934

# Sweetspot

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



201.0760, 17.7105, -80.7507



242.6270, 5.6069, -25.1059



187.6800, -38.7892, -65.4944



120.4110, 3.2484, -15.2694



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.



201.0760, 17.7105, -80.7507



204.1980, 22.5804, -102.7826



165.1380, 37.4000, -49.2330



116.2980, 1.3321, -7.2773



128.3000, 24.5021, -112.5191



39.0280, 7.3812, -34.2276



# Inverse Universe

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



148.9240, -17.7105, 80.7507



137.8020, -22.5804, 102.7826



184.8620, -37.4000, 49.2330



111.5880, -1.7689, 7.3773



55.7000, -24.5021, 112.5191

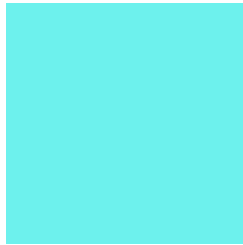


16.9720, -7.3812, 34.2276



# Previews

## White Background



This preview shows how the YUV color 201.0760, 17.7105, -80.7507 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

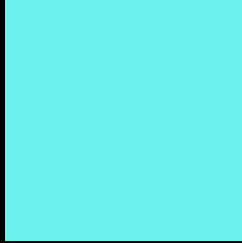
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 201.0760, 17.7105, -80.7507 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 201.0760, 17.7105, -80.7507

## Background



This preview shows how black text looks on a background with the YUV color 201.0760, 17.7105, -80.7507.



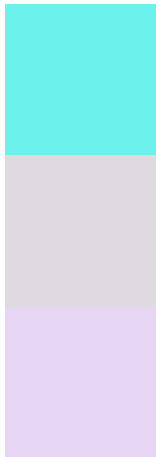
This preview shows how white text looks on a background with the YUV color 201.0760, 17.7105,

-80.7507.

# 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

201.0760, 17.7105, -80.7507

### Protanopia

219.7660, 1.5944, 1.9592

### Deuteranopia

222.0900, 10.3086, 6.9371



## Tritanopia

205.8630, 24.2245, -70.0399

# Trichromacy



## Original Color

201.0760, 17.7105, -80.7507



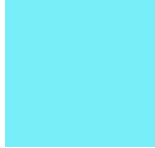
## Protanomaly

212.7730, 7.5069, -27.8649



## Deuteranomaly

214.5760, 13.0270, -25.0612



## Tritanomaly

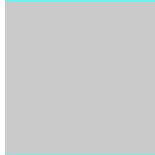
203.8580, 21.7620, -73.5435

# Monochromacy



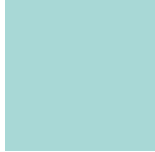
## Original Color

201.0760, 17.7105, -80.7507



## Achromatopsia

201.0000, 0.0000, 0.0000



## Achromatomaly

201.4200, 6.2019, -29.3093

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 201.0760, 17.7105, -80.7507 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(109, 241, 237)` looks like.

```
.text, #text, p{  
    color:rgb(109, 241, 237)  
}
```

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(109, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 241, 237) }
```

## Border

The CSS property to change the border of an element to YUV 201.0760, 17.7105, -80.7507 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(109, 241, 237) }
```



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

```
.border{ border-color:rgb(109, 241, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 241, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 241, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 241, 237);  
box-shadow:4px 4px 4px 4px rgb(109, 241,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 201.0760, 17.7105, -80.7507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 241, 237) }
```

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

```
.background{ background-color: rgb(109,  
241, 237) }
```

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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