

# Converting Colors

YUV(208.5390, 15.5103,  
-75.0177)

Have a look what the booklet for  
YUV(208.5390, 15.5103, -75.0177)  
contains.

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# Color

**YUV(208.5390, 15.5103,  
-75.0177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BF6F0
RGB	123, 246, 240
RGB Percent	48%, 96%, 94%
CMY	0.5176, 0.0353, 0.0588
CMYK	0.50, 0.00, 0.02, 0.04
HSL	177°, 87%, 72%
HSV	177°, 50%, 96%
XYZ	56.8523, 76.4138, 94.1910
YIQ	208.5390, -71.3820, -27.9420

# Conversions

## Conversions Part 2

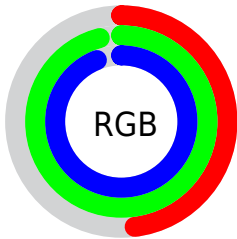
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 186, 246
Decimal	8124144
CIE <sub>Lab</sub>	90.05, -35.83, -7.72
CIE <sub>LCh</sub>	90, 36.657, 192.157
Yxy	76.4138, 0.2499, 0.3359
Android (android.graphics.Color)	4286314224 (0xFF7BF6F0)
YUV	208.5390, 15.5103, -75.0177
Hunter-Lab	87.4150, -36.8846, -2.6954

# Details

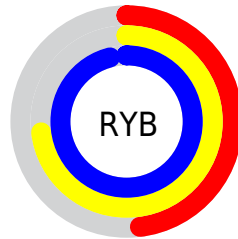
The YUV color **208.5390, 15.5103, -75.0177** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **160.4610, -15.5103, 75.0177**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4720, 10.6133, -44.2639**, and **148.9620, 17.2737, -80.6507** is the 20% darker color. If you saturate the color by 10%, you get **200.9500, 18.7587, -90.2871**, and if you desaturate by 10%, it is **216.1280, 12.2619, -59.7483**.

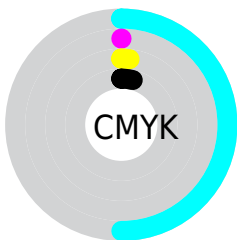
# Distribution



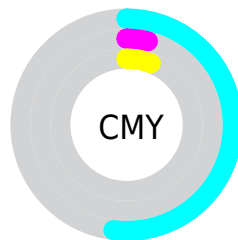
- Red (48%)
- Green (96%)
- Blue (94%)



- Red (48%)
- Yellow (73%)
- Blue (96%)



- Cyan (50%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (52%)
- Magenta (4%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 208.5390, 15.5103, -75.0177 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 208.5390, 15.5103, -75.0177 by changing the saturation by 10% instead.



208.5390, 15.5103,  
-75.0177

208.5390, 15.5103,  
-75.0177

255.0000, 0.0000,  
0.0000

179.0550, 16.2419,  
-76.3472

233.4720, 10.6133,  
-44.2639

148.9620, 17.2737,  
-80.6507

242.4420, 6.1911,  
-25.8206

112.9920, 21.6959,  
-99.0940

251.7110, 1.6215,  
-6.7625

94.1790, 18.1528,  
-82.5950

76.0670, 14.7570,  
-66.7108

58.6560, 11.5086,  
-51.4413

41.9460, 8.4076,

-36.7866

■ 27.1110, 4.8753,  
-23.7763

■ 2.5250, 7.1362,  
-2.2144

■ 208.5390, 15.5103,  
-75.0177

■ 208.5390, 15.5103,  
-75.0177

■ 200.9500, 18.7587,  
-90.2871

■ 216.1280, 12.2619,  
-59.7483

■ 193.6600, 21.8596,  
-104.9418

■ 223.4180, 9.1609,  
-45.0936

■ 185.9570, 24.6712,  
-120.1113

■ 231.1210, 6.3493,  
-29.9241

■ 178.6670, 27.7722,  
-134.7660

■ 238.4110, 3.2484,  
-15.2694

■ 171.0780, 31.0205,  
-150.0354

■ 246.0000, 0.0000,  
0.0000

■ 248.8050, -0.8899,  
5.4330

■ 248.9190, -0.4531,  
5.3330

■ 249.1470, 0.4205,  
5.1331

■ 249.2610, 0.8573,  
5.0331

# Harmonies

## Analogous

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



213.4270, -4.6475, -49.4865



208.5390, 15.5103, -75.0177



206.6940, 23.8149, -78.6616

# Triad

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



208.5390, 15.5103, -75.0177



228.5520, 13.0389, 17.9329



221.8640, -30.4990, 29.0603

# Complementary

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



208.5390, 15.5103, -75.0177



160.4610, -15.5103, 75.0177

# 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.



217.8010, -18.1429, 32.6235



208.5390, 15.5103, -75.0177



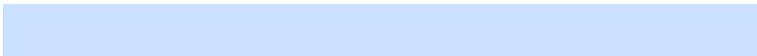
223.7920, 12.4275, 27.3694

# Square

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



208.5390, 15.5103, -75.0177



221.5430, 16.4943, -17.1392



218.5140, -2.7184, 31.9982



223.2980, -32.1919, 12.0167



# Rectangle

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



208.5390, 15.5103, -75.0177



210.0270, 22.1717, -64.9217



218.5140, -2.7184, 31.9982



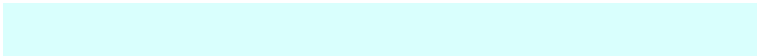
220.2000, -26.7206, 30.5196

# Sweetspot

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



208.5390, 15.5103, -75.0177



243.4100, 4.7279, -23.1616



196.9950, -36.4795, -59.6316



120.8950, 2.5168, -13.9399



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.



208.5390, 15.5103, -75.0177



208.4550, 19.4957, -93.3610



176.9380, 34.0476, -47.3036



118.4120, 1.7689, -7.3773



129.3600, 23.4865, -113.4487



41.0170, 7.3866, -35.9719



# Inverse Universe

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



160.4610, -15.5103, 75.0177



148.5450, -19.4957, 93.3610



192.0620, -34.0476, 47.3036



113.7020, -1.3321, 7.2773



56.6400, -23.4865, 113.4487

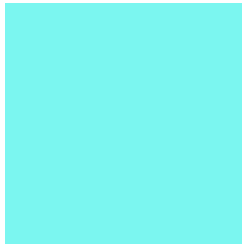


17.9830, -7.3866, 35.9719



# Previews

## White Background



This preview shows how the YUV color 208.5390, 15.5103, -75.0177 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

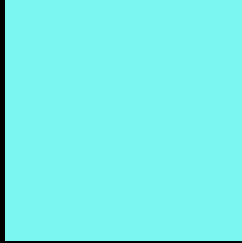
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 208.5390, 15.5103, -75.0177 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 208.5390, 15.5103, -75.0177

## Background



This preview shows how black text looks on a background with the YUV color 208.5390, 15.5103, -75.0177.



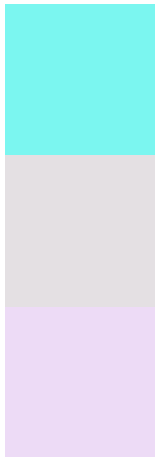
This preview shows how white text looks on a background with the YUV color 208.5390, 15.5103, -75.0177.

-75.0177.

# 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

208.5390, 15.5103, -75.0177

### Protanopia

225.5380, 0.7208, 2.1592

### Deuteranopia

227.4600, 9.1402, 8.3666



## Tritanopia

216.0070, 19.2235, -52.6261

# Trichromacy



## Original Color

208.5390, 15.5103, -75.0177



## Protanomaly

219.4420, 6.1911, -25.8206



## Deuteranomaly

220.8430, 11.4164, -21.7873



## Tritanomaly

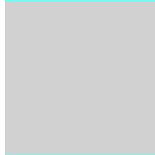
213.6100, 17.9403, -61.0480

# Monochromacy



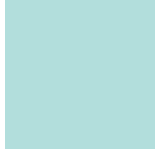
## Original Color

208.5390, 15.5103, -75.0177



## Achromatopsia

209.0000, 0.0000, 0.0000



## Achromatomaly

208.6160, 5.6123, -26.8502

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.5390, 15.5103, -75.0177 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(123, 246, 240)` looks like.

```
.text, #text, p{  
    color:rgb(123, 246, 240)  
}
```

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(123, 246, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 246, 240) }
```

## Border

The CSS property to change the border of an element to YUV 208.5390, 15.5103, -75.0177 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(123, 246, 240) }
```



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

```
.border{ border-color:rgb(123, 246, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 246, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 246, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 246, 240);  
box-shadow:4px 4px 4px 4px rgb(123, 246,  
240) }
```

# Background

The CSS property to change the background color of an element to YUV 208.5390, 15.5103, -75.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 246, 240) }
```

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

```
.background{ background-color: rgb(123,  
246, 240) }
```

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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