

# Converting Colors

YUV(187.8310, 22.7613,  
-67.3808)

Have a look what the booklet for  
YUV(187.8310, 22.7613, -67.3808)  
contains.

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# Color

**YUV(187.8310, 22.7613,  
-67.3808)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FDAEA
RGB	111, 218, 234
RGB Percent	44%, 85%, 92%
CMY	0.5647, 0.1451, 0.0824
CMYK	0.53, 0.07, 0.00, 0.08
HSL	188°, 75%, 68%
HSV	188°, 53%, 92%
XYZ	46.4782, 59.4628, 86.8697
YIQ	187.8310, -68.9080, -17.7080

# Conversions

## Conversions Part 2

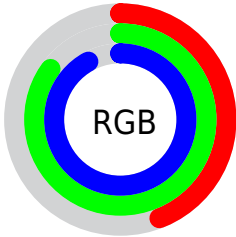
Format	Color
<a href="#">RYB</a>	<a href="#">111, 168, 234</a>
Decimal	<a href="#">7330538</a>
CIELab	<a href="#">81.55, -26.53, -17.31</a>
CIELCh	<a href="#">82, 31.684, 213.124</a>
Yxy	<a href="#">59.4628, 0.2411, 0.3084</a>
Android (android.graphics.Color)	<a href="#">4285520618</a> ( <a href="#">0xFF6FDAEA</a> )
YUV	<a href="#">187.8310, 22.7613, -67.3808</a>
Hunter-Lab	<a href="#">77.1121, -27.3580, -12.8139</a>

# Details

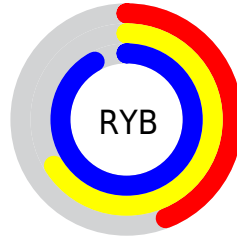
The YUV color **187.8310, 22.7613, -67.3808** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **157.1690, -22.7613, 67.3808**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.8840, 12.3822, -51.6413**, and **129.1290, 24.0934, -74.6581** is the 20% darker color. If you saturate the color by 10%, you get **179.1930, 27.0199, -79.9763**, and if you desaturate by 10%, it is **196.4690, 18.5028, -54.7853**.

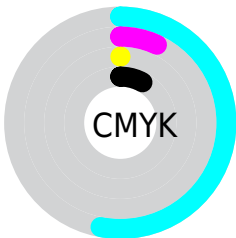
# Distribution



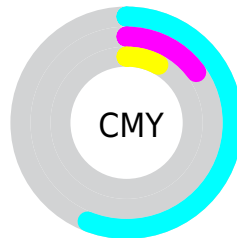
- Red (44%)
- Green (85%)
- Blue (92%)



- Red (44%)
- Yellow (66%)
- Blue (92%)



- Cyan (53%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (56%)
- Magenta (15%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 187.8310, 22.7613, -67.3808 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 187.8310, 22.7613, -67.3808 by changing the saturation by 10% instead.



■ 187.8310, 22.7613,  
-67.3808

■ 187.8310, 22.7613,  
-67.3808

255.0000, 0.0000,  
0.0000

■ 158.9340, 23.2035,  
-69.2251

■ 229.8840, 12.3822,  
-51.6413

■ 129.1290, 24.0934,  
-74.6581

■ 238.5550, 8.1074,  
-33.8127

■ 97.1600, 27.0361,  
-85.2093

■ 247.5250, 3.6852,  
-15.3694

■ 79.5210, 22.9141,  
-69.7399

■ 61.9960, 19.2290,  
-54.3705

■ 45.1720, 15.6912,  
-39.6158

■ 29.6360, 12.0115,

-25.9908

■ 10.8060, 10.9416,  
-9.4769

■ 0.7980, 3.0576,  
-0.6998

■ 187.8310, 22.7613,  
-67.3808

■ 187.8310, 22.7613,  
-67.3808

■ 179.1930, 27.0199,  
-79.9763

■ 196.4690, 18.5028,  
-54.7853

■ 170.2560, 31.4258,  
-93.1865

■ 205.4060, 14.0968,  
-41.5751

■ 161.6180, 35.6843,  
-105.7820

■ 214.0440, 9.8383,  
-28.9796

■ 152.6810, 40.0903,  
-118.9922

■ 222.9810, 5.4324,  
-15.7693

■ 146.4240, 43.1750,  
-128.4138

■ 231.6190, 1.1738,  
-3.1739

■ 240.2570, -3.0847,  
9.4216

■ 243.2140, -4.5425,  
10.3363

■ 244.9750, -5.4107,  
8.7919

■ 246.7360, -6.2788,  
7.2475

# Harmonies

## Analogous

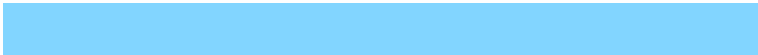
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188.9990, 7.8885, -57.0041



187.8310, 22.7613, -67.3808



192.9710, 30.5803, -55.2256

# Triad

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



187.8310, 22.7613, -67.3808



207.4720, 11.1063, 31.1581



200.9550, -28.5718, 17.5795

# Complementary

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



187.8310, 22.7613, -67.3808



157.1690, -22.7613, 67.3808

# 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.



203.4720, -25.8687, 37.2971



187.8310, 22.7613, -67.3808



205.4060, -2.1722, 43.4939

# Square

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



187.8310, 22.7613, -67.3808



205.6950, 22.8284, 4.6525



203.8610, -15.7075, 44.8489



197.6960, -22.5281, -7.6264

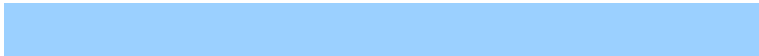


# Rectangle

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



187.8310, 22.7613, -67.3808



197.5110, 28.3421, -37.2821



203.8610, -15.7075, 44.8489



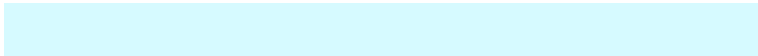
201.4120, -28.3041, 25.0717

# Sweetspot

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



187.8310, 22.7613, -67.3808



239.8060, 7.4906, -22.6319



184.7970, -29.4799, -64.7200



118.1770, 4.8427, -13.3102



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.



187.8310, 22.7613, -67.3808



194.5340, 29.8097, -88.1683



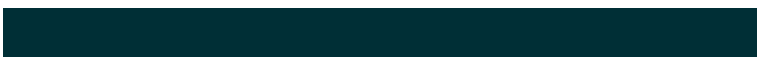
152.6110, 40.1248, -36.4928



113.1240, 1.9109, -6.2477



112.7930, 33.6261, -98.9195



33.7450, 9.9857, -29.5944



# Inverse Universe

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



159.9750, 28.6063, 64.9199



158.0990, 37.4192, 84.9822



192.3890, -40.1248, 36.4928



110.4290, 2.7465, 5.7628



72.0170, 41.8966, 95.5781

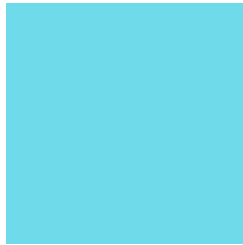


21.5040, 12.5695, 28.4990



# Previews

## White Background



This preview shows how the YUV color 187.8310, 22.7613, -67.3808 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

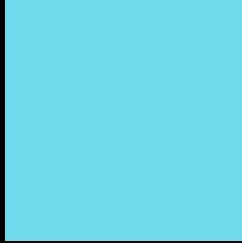
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 187.8310, 22.7613, -67.3808 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

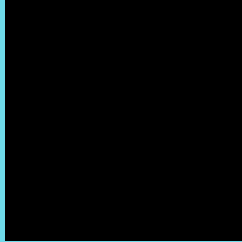
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 187.8310, 22.7613, -67.3808

## Background



This preview shows how black text looks on a background with the YUV color 187.8310, 22.7613, -67.3808.



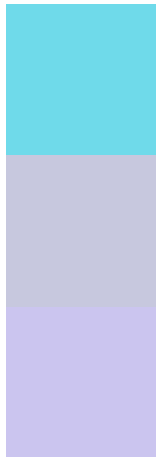
This preview shows how white text looks on a background with the YUV color 187.8310, 22.7613, -67.3808.



# 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

187.8310, 22.7613, -67.3808

### Protanopia

202.2090, 9.7570, -2.8143

### Deuteranopia

203.5820, 17.4611, -0.5104



## Tritanopia

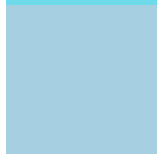
187.9450, 23.1981, -67.4808

# Trichromacy



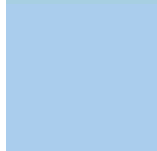
## Original Color

187.8310, 22.7613, -67.3808



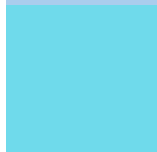
## Protanomaly

197.2060, 14.1954, -26.4907



## Deuteranomaly

198.1830, 19.1368, -24.7165



## Tritanomaly

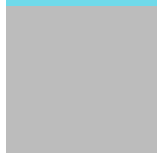
187.9450, 23.1981, -67.4808

# Monochromacy



## Original Color

187.8310, 22.7613, -67.3808



## Achromatopsia

188.0000, 0.0000, 0.0000



## Achromatomaly

188.0230, 8.3697, -24.5762

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 187.8310, 22.7613, -67.3808 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(111, 218, 234)` looks like.

```
.text, #text, p{  
    color:rgb(111, 218, 234)  
}
```

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(111, 218, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 218, 234) }
```

## Border

The CSS property to change the border of an element to YUV 187.8310, 22.7613, -67.3808 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(111, 218, 234) }
```



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

```
.border{ border-color:rgb(111, 218, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 218, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 218, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 218, 234);  
box-shadow:4px 4px 4px 4px rgb(111, 218,  
234) }
```

# Background

The CSS property to change the background color of an element to YUV 187.8310, 22.7613, -67.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 218, 234) }
```

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

```
.background{ background-color: rgb(111,  
218, 234) }
```

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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