

Converting Colors

YUV(196.3070, -6.0674,
-60.7822)

Have a look what the booklet for
YUV(196.3070, -6.0674, -60.7822)
contains.

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Color

**YUV(196.3070, -6.0674,
-60.7822)**

Conversions

Conversions Part 1

Format	Color
Hex	7FEAB8
RGB	127, 234, 184
RGB Percent	50%, 92%, 72%
CMY	0.5020, 0.0824, 0.2784
CMYK	0.46, 0.00, 0.21, 0.08
HSL	152°, 72%, 71%
HSV	152°, 46%, 92%
XYZ	46.8269, 66.8184, 55.7766
YIQ	196.3070, -47.7220, -38.2340

Conversions

Conversions Part 2

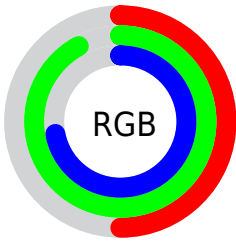
Format	Color
RYB	127, 197, 234
Decimal	8383160
CIELab	85.41, -42.22, 14.82
CIELCh	85, 44.745, 160.656
Yxy	66.8184, 0.2764, 0.3944
Android (android.graphics.Color)	4286573240 (0xFF7FEAB8)
YUV	196.3070, -6.0674, -60.7822
Hunter-Lab	81.7425, -40.7940, 16.7635

Details

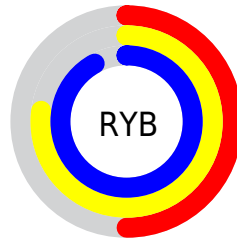
The YUV color **196.3070, -6.0674, -60.7822** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **164.6930, 6.0674, 60.7822**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.0610, 3.9139, -42.1495**, and **140.0510, -4.4621, -62.3117** is the 20% darker color. If you saturate the color by 10%, you get **188.1760, -7.4818, -73.8224**, and if you desaturate by 10%, it is **204.4380, -4.6529, -47.7421**.

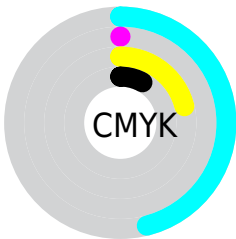
Distribution



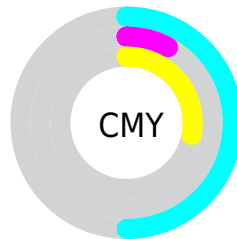
- Red (50%)
- Green (92%)
- Blue (72%)



- Red (50%)
- Yellow (77%)
- Blue (92%)



- Cyan (46%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)



- Cyan (50%)
- Magenta (8%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.3070, -6.0674, -60.7822 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 196.3070, -6.0674, -60.7822 by changing the saturation by 10% instead.

■ 196.3070, -6.0674,
-60.7822

■ 196.3070, -6.0674,
-60.7822

255.0000, 0.0000,
0.0000

■ 167.5350, -5.1938,
-60.9822

■ 232.0610, 3.9139,
-42.1495

■ 140.0510, -4.4621,
-62.3117

■ 242.7410, 6.0437,
-25.2059

■ 110.5990, -2.2673,
-66.3003

■ 251.4120, 1.7689,
-7.3773

■ 82.0220, -0.5038,
-71.9333

■ 64.1380, -3.0260,
-56.2490

■ 47.5420, -5.6902,
-41.6943

■ 31.0600, -7.9176,

-27.2396

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 196.3070, -6.0674,
-60.7822

■ 196.3070, -6.0674,
-60.7822

■ 188.1760, -7.4818,
-73.8224

■ 204.4380, -4.6529,
-47.7421

■ 179.7460, -8.7488,
-87.4772

■ 212.8680, -3.3859,
-34.0872

■ 171.6150,
-10.1632, -100.5174

■ 220.9990, -1.9715,
-21.0471

■ 163.1850,
-11.4302, -114.1722

■ 229.4290, -0.7045,
-7.3922

■ 155.0540,
-12.8446, -127.2124

■ 237.5600, 0.7099,
5.6479

■ 151.6080,
-13.1177, -132.9602

■ 242.1030, 3.8932,
11.3107

■ 242.6730, 6.0772,
10.8108

Harmonies

Analogous

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



203.9410, -27.5789, -20.9963



196.3070, -6.0674, -60.7822



183.9590, 21.7122, -104.3270

Triad

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



196.3070, -6.0674, -60.7822



206.4370, 23.9416, -25.8162



204.8410, -22.1066, 43.9894

Complementary

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



196.3070, -6.0674, -60.7822



164.6930, 6.0674, 60.7822

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.



204.7050, -2.3196, 44.1087



196.3070, -6.0674, -60.7822



215.8710, 19.2906, 19.4071

Square

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



196.3070, -6.0674, -60.7822



191.9420, 31.0876, -78.0021



211.8410, 14.8684, 37.8504



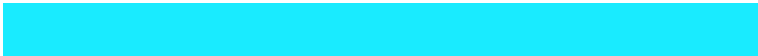
209.5080, -37.2254, 39.8965

Rectangle

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



196.3070, -6.0674, -60.7822



174.4900, 39.6914, -131.1027



211.8410, 14.8684, 37.8504



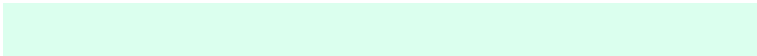
203.8610, -15.7075, 44.8489

Sweetspot

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



196.3070, -6.0674, -60.7822



242.2980, -2.1189, -20.4323



205.3570, -38.6300, -23.1151



120.1680, -1.5618, -12.4253



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.



196.3070, -6.0674, -60.7822



205.6160, -8.1917, -79.4702



200.8330, 16.3513, -64.7515



113.1410, -0.5625, -6.2627



117.1910, -10.4472, -102.7765



35.0040, -2.9600, -30.6985

Inverse Universe

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



164.6930, 6.0674, 60.7822



164.2700, 7.7549, 79.5702



160.1670, -16.3513, 64.7515



109.8590, 0.5625, 6.2627



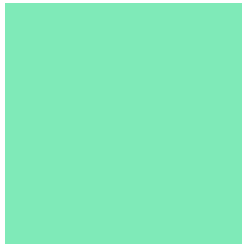
63.8090, 10.4472, 102.7765



18.9960, 2.9600, 30.6985

Previews

White Background



This preview shows how the YUV color 196.3070, -6.0674, -60.7822 looks on a white background.

Color Contrast Check

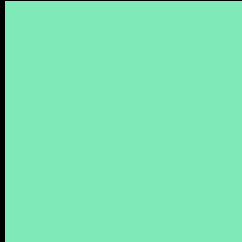
Large Text (above 18pt) WCAG AA × Fail

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 196.3070, -6.0674, -60.7822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

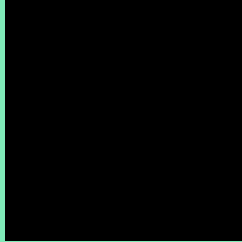
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.3070, -6.0674, -60.7822

Background



This preview shows how black text looks on a background with the YUV color 196.3070, -6.0674, -60.7822.



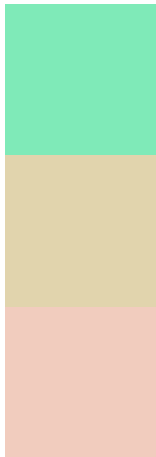
This preview shows how white text looks on a background with the YUV color 196.3070, -6.0674, -60.7822.

-60.7822.

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

196.3070, -6.0674, -60.7822

Protanopia

211.4410, -18.9514, 11.8912

Deuteranopia

213.4670, -11.5692, 24.1464



Tritanopia

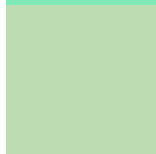
202.9360, 20.2446, -53.4409

Trichromacy



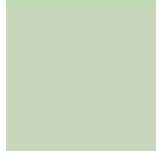
Original Color

196.3070, -6.0674, -60.7822



Protanomaly

205.8290, -14.2127, -14.7590



Deuteranomaly

207.4370, -9.5824, -6.5222



Tritanomaly

200.6940, 10.5039, -55.8596

Monochromacy



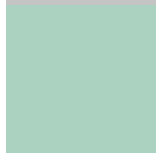
Original Color

196.3070, -6.0674, -60.7822



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.2870, -2.1135, -22.1767

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3070, -6.0674, -60.7822 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(127, 234, 184)` looks like.

```
.text, #text, p{  
    color:rgb(127, 234, 184)  
}
```

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(127, 234, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 234, 184) }
```

Border

The CSS property to change the border of an element to YUV 196.3070, -6.0674, -60.7822 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(127, 234, 184) }
```


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

```
.border{ border-color:rgb(127, 234, 184) }
```

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

Here you see how a box with a 4 pixel rgb(127, 234, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 234, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 234, 184);  
box-shadow:4px 4px 4px 4px rgb(127, 234,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 196.3070, -6.0674, -60.7822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 234, 184) }
```

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

```
.background{ background-color: rgb(127,  
234, 184) }
```

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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