

Converting Colors

YUV(184.0940, -3.0043,
-63.2264)

Have a look what the booklet for
YUV(184.0940, -3.0043, -63.2264)
contains.

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Color

**YUV(184.0940, -3.0043,
-63.2264)**

Conversions

Conversions Part 1

Format	Color
Hex	70DEB2
RGB	112, 222, 178
RGB Percent	44%, 87%, 70%
CMY	0.5608, 0.1294, 0.3020
CMYK	0.50, 0.00, 0.20, 0.13
HSL	156°, 62%, 65%
HSV	156°, 50%, 87%
XYZ	40.8392, 58.9016, 51.3362
YIQ	184.0940, -51.4360, -37.0040

Conversions

Conversions Part 2

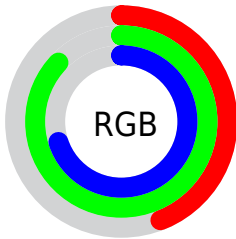
Format	Color
RYB	112, 181, 222
Decimal	7397042
CIELab	81.24, -41.83, 11.99
CIELCh	81, 43.514, 164.008
Yxy	58.9016, 0.2703, 0.3899
Android (android.graphics.Color)	4285587122 (0xFF70DEB2)
YUV	184.0940, -3.0043, -63.2264
Hunter-Lab	76.7474, -39.3236, 14.0642

Details

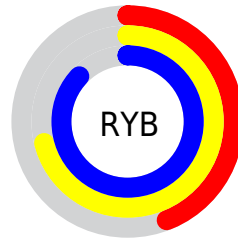
The YUV color **184.0940, -3.0043, -63.2264** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **149.9060, 3.0043, 63.2264**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1910, 3.3568, -50.1565**, and **126.9410, -0.9569, -66.6003** is the 20% darker color. If you saturate the color by 10%, you get **176.4900, -3.6926, -75.8517**, and if you desaturate by 10%, it is **191.6980, -2.3161, -50.6011**.

Distribution



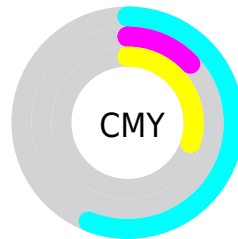
- Red (44%)
- Green (87%)
- Blue (70%)



- Red (44%)
- Yellow (71%)
- Blue (87%)



- Cyan (50%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



- Cyan (56%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.0940, -3.0043, -63.2264 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 184.0940, -3.0043, -63.2264 by changing the saturation by 10% instead.


 184.0940, -3.0043,
-63.2264

 184.0940, -3.0043,
-63.2264


255.0000, 0.0000,
0.0000

 155.9090, -2.4201,
-63.9412


 227.1910, 3.3568,
-50.1565


 126.9410, -0.9569,
-66.6003


 238.2560, 8.2548,
-34.4275

 93.2920, 3.3070,
-80.9401

 246.9270, 3.9800,
-16.5990

 74.9950, 0.4955,
-65.7706

 57.6980, -2.3161,
-50.6011

 41.2160, -4.5435,
-36.1464

 25.7940, -7.7864,

-22.6213

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 184.0940, -3.0043,
-63.2264

■ 184.0940, -3.0043,
-63.2264

■ 176.4900, -3.6926,
-75.8517

■ 191.6980, -2.3161,
-50.6011

■ 168.8860, -4.3808,
-88.4770

■ 199.3020, -1.6279,
-37.9759

■ 160.9830, -4.9216,
-101.7171

■ 207.2050, -1.0871,
-24.7358

■ 153.3790, -5.6098,
-114.3424

■ 214.8090, -0.3988,
-12.1105

■ 145.8890, -5.8613,
-127.0677

■ 222.2990, -0.1474,
0.6148

■ 145.4760, -6.1507,
-127.5825

■ 229.9030, 0.5408,
13.2401

■ 233.9190, 2.9979,
18.4880

■ 234.9450, 6.9291,
17.5882

■ 235.6290, 9.5499,
16.9884

Harmonies

Analogous

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



192.0160, -24.6579, -24.5700



184.0940, -3.0043, -63.2264



170.9200, 24.1964, -107.8008

Triad

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



184.0940, -3.0043, -63.2264



197.9090, 28.1459, -20.9682



197.4890, -24.8911, 50.4371

Complementary

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



184.0940, -3.0043, -63.2264



149.9060, 3.0043, 63.2264

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.



197.0110, -6.4144, 50.8564



184.0940, -3.0043, -63.2264



206.1470, 24.0845, 21.7961

Square

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



184.0940, -3.0043, -63.2264



184.0120, 34.9971, -71.9245



203.4460, 10.6261, 45.2129



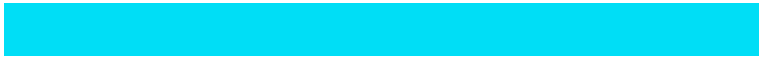
200.6930, -37.8096, 40.6112

Rectangle

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



184.0940, -3.0043, -63.2264



158.3580, 43.2075, -138.8800



203.4460, 10.6261, 45.2129



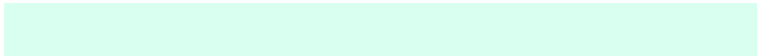
196.9820, -19.2181, 50.8818

Sweetspot

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



184.0940, -3.0043, -63.2264



241.9280, -0.9505, -21.8619



189.7260, -38.3189, -29.5777



119.9830, -0.9776, -13.1401



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.



184.0940, -3.0043, -63.2264



203.3100, -4.0968, -86.2179



183.8270, 18.8193, -62.9923



108.2550, -0.1257, -6.3626



115.3960, -4.6322, -101.2023



31.4820, -1.2236, -27.6097

Inverse Universe

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



149.9060, 3.0043, 63.2264



156.6900, 4.0968, 86.2179



151.3470, -19.3981, 61.9627



104.7450, 0.1257, 6.3626



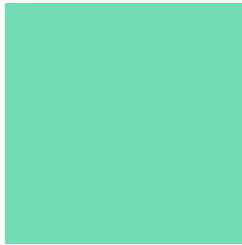
60.6040, 4.6322, 101.2023



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 184.0940, -3.0043, -63.2264 looks on a white background.

Color Contrast Check

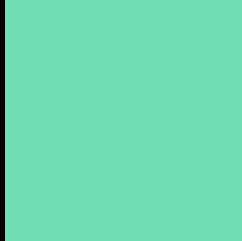
Large Text (above 18pt) WCAG AA × Fail

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 184.0940, -3.0043, -63.2264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

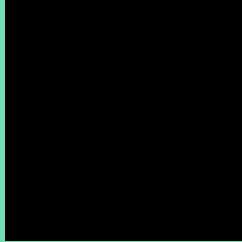
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.0940, -3.0043, -63.2264

Background



This preview shows how black text looks on a background with the YUV color 184.0940, -3.0043, -63.2264.



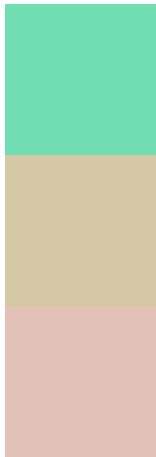
This preview shows how white text looks on a background with the YUV color 184.0940, -3.0043, -63.2264.

-63.2264.

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

184.0940, -3.0043, -63.2264

Protanopia

199.8260, -16.1832, 10.6766

Deuteranopia

201.8410, -8.7956, 21.1874



Tritanopia

190.6260, 20.3974, -55.8000

Trichromacy



Original Color

184.0940, -3.0043, -63.2264



Protanomaly

194.2140, -11.4445, -15.9737



Deuteranomaly

195.8110, -6.8088, -9.4812



Tritanomaly

188.6120, 11.5303, -58.4187

Monochromacy



Original Color

184.0940, -3.0043, -63.2264



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.2160, -1.0925, -22.9914

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.0940, -3.0043, -63.2264 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(112, 222, 178)` looks like.

```
.text, #text, p{  
    color:rgb(112, 222, 178)  
}
```

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(112, 222, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 222, 178) }
```

Border

The CSS property to change the border of an element to YUV 184.0940, -3.0043, -63.2264 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(112, 222, 178) }
```


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

```
.border{ border-color:rgb(112, 222, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 222, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 222, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 222, 178); box-shadow:4px 4px 4px 4px rgb(112, 222, 178) }
```

Background

The CSS property to change the background color of an element to YUV 184.0940, -3.0043, -63.2264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 222, 178) }
```

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

```
.background{ background-color: rgb(112,  
222, 178) }
```

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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