

Converting Colors

YUV(174.8040, 6.9986,
-51.5711)

Have a look what the booklet for
YUV(174.8040, 6.9986, -51.5711)
contains.

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Color

**YUV(174.8040, 6.9986,
-51.5711)**

Conversions

Conversions Part 1

Format	Color
Hex	74CABD
RGB	116, 202, 189
RGB Percent	45%, 79%, 74%
CMY	0.5451, 0.2078, 0.2588
CMYK	0.43, 0.00, 0.06, 0.21
HSL	171°, 45%, 62%
HSV	171°, 43%, 79%
XYZ	37.5083, 49.6282, 55.7464
YIQ	174.8040, -47.0830, -22.2750

Conversions

Conversions Part 2

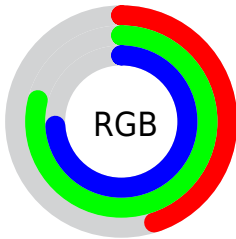
Format	Color
RYB	116, 163, 202
Decimal	7654077
CIELab	75.84, -29.12, -1.65
CIELCh	76, 29.164, 183.249
Yxy	49.6282, 0.2625, 0.3473
Android (android.graphics.Color)	4285844157 (0xFF74CABD)
YUV	174.8040, 6.9986, -51.5711
Hunter-Lab	70.4473, -28.2438, 2.3957

Details

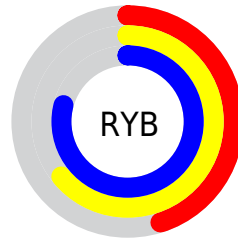
The YUV color **174.8040, 6.9986, -51.5711** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **143.1960, -6.9986, 51.5711**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.0430, 7.8668, -50.0267**, and **120.3200, 7.7302, -52.9006** is the 20% darker color. If you saturate the color by 10%, you get **168.4820, 8.6364, -63.5667**, and if you desaturate by 10%, it is **181.1260, 5.3609, -39.5755**.

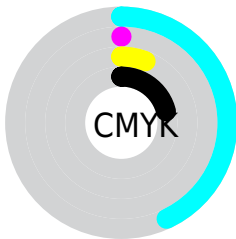
Distribution



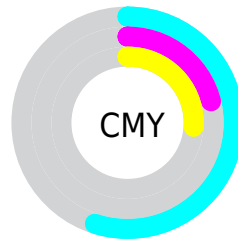
- Red (45%)
- Green (79%)
- Blue (74%)



- Red (45%)
- Yellow (64%)
- Blue (79%)



- Cyan (43%)
- Magenta (0%)
- Yellow (6%)
- Black (21%)



- Cyan (55%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.8040, 6.9986, -51.5711 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 174.8040, 6.9986, -51.5711 by changing the saturation by 10% instead.

■ 174.8040, 6.9986,
-51.5711

■ 174.8040, 6.9986,
-51.5711

255.0000, 0.0000,
0.0000

■ 146.9180, 7.4354,
-51.6711

■ 229.0430, 7.8668,
-50.0267

■ 120.3200, 7.7302,
-52.9006

■ 238.8540, 7.9600,
-33.1980

■ 91.6400, 9.0515,
-56.6893

■ 247.5250, 3.6852,
-15.3694

■ 66.1560, 9.7831,
-58.0188

■ 49.4460, 6.6821,
-43.3641

■ 33.4370, 3.7286,
-29.3242

■ 19.4170, 0.7804,

-17.0287

■ 0.0000, 0.0000,
0.0000

■ 174.8040, 6.9986,
-51.5711

■ 174.8040, 6.9986,
-51.5711

■ 168.4820, 8.6364,
-63.5667

■ 181.1260, 5.3609,
-39.5755

■ 162.1600, 10.2741,
-75.5623

■ 187.4480, 3.7231,
-27.5799

■ 155.5390, 12.0593,
-88.1727


■ 194.0690, 1.9380,
-14.9695


■ 149.2170, 13.6970,
-100.1683

■ 200.3910, 0.3002,
-2.9739


■ 142.8950, 15.3348,
-112.1639


■ 206.7130, -1.3375,
9.0217

 138.0680, 16.2355,
-121.0856

 213.0350, -2.9753,
21.0173

 218.7590, -4.3182,
31.7834

 219.1010, -3.0078,
31.4834

 219.4430, -1.6974,
31.1835

Harmonies

Analogous

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



178.6250, -8.1961, -31.2431



174.8040, 6.9986, -51.5711



173.8920, 20.2662, -60.4183

Triad

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



174.8040, 6.9986, -51.5711



189.8260, 20.7918, 4.5376



187.7320, -23.5319, 34.4380

Complementary

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



174.8040, 6.9986, -51.5711



143.1960, -6.9986, 51.5711

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.



189.6760, -15.1233, 44.1341



174.8040, 6.9986, -51.5711



191.5210, 10.0961, 28.4841

Square

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



174.8040, 6.9986, -51.5711



184.6590, 27.2831, -24.2569



190.8790, -2.8983, 43.0791



185.0410, -25.6562, 15.7500

Rectangle

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



174.8040, 6.9986, -51.5711



176.1190, 26.0703, -55.3554



190.8790, -2.8983, 43.0791



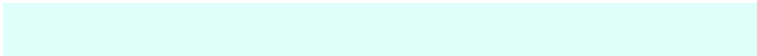
188.0360, -21.2167, 38.5564

Sweetspot

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



174.8040, 6.9986, -51.5711



244.5630, 2.6804, -19.7878



170.6680, -26.9513, -35.6658



121.2650, 1.3484, -12.5104



0.0000, 0.0000, 0.0000



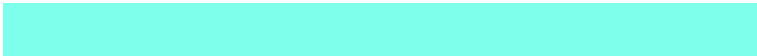
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



174.8040, 6.9986, -51.5711



213.8500, 10.4270, -77.9214



159.2630, 21.0693, -37.9417



98.7820, 0.6005, -5.9478



113.5160, 13.5496, -99.5535



25.9540, 2.9807, -22.7617

Inverse Universe

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



143.1960, -6.9986, 51.5711



166.1500, -10.4270, 77.9214



158.7370, -21.0693, 37.9417



95.1040, -1.0373, 6.0478



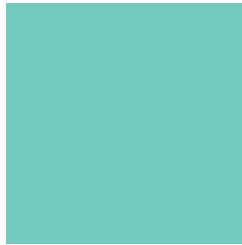
52.4840, -13.5496, 99.5535



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 174.8040, 6.9986, -51.5711 looks on a white background.

Color Contrast Check

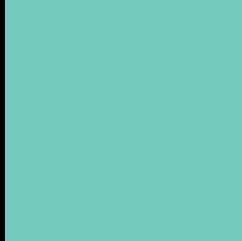
Large Text (above 18pt) WCAG AA × Fail

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 174.8040, 6.9986, -51.5711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

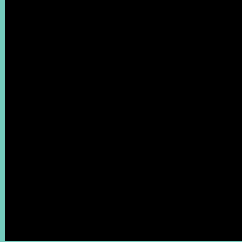
Any Text WCAG AA ✓ Pass

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 174.8040, 6.9986, -51.5711 Background



This preview shows how black text looks on a background with the YUV color 174.8040, 6.9986, -51.5711.



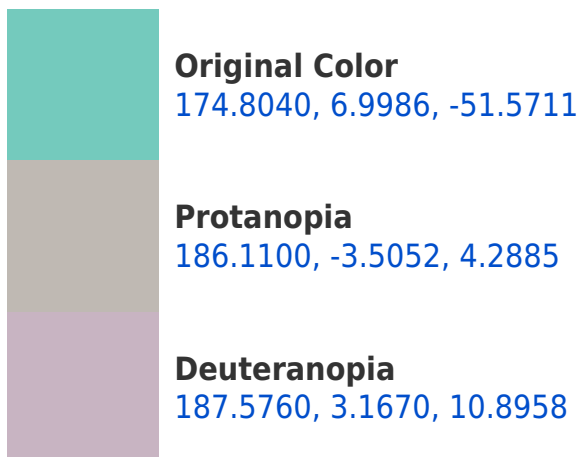
This preview shows how white text looks on a background with the YUV color 174.8040, 6.9986,

-51.5711.

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





Tritanopia

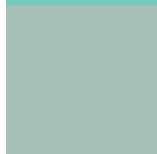
177.3990, 18.0443, -47.7079

Trichromacy



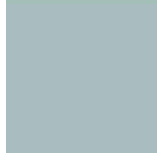
Original Color

174.8040, 6.9986, -51.5711



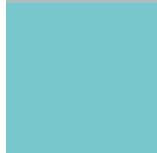
Protanomaly

182.0150, 0.4856, -15.7992



Deuteranomaly

182.7750, 4.5479, -12.0807



Tritanomaly

176.0630, 14.2659, -49.1673

Monochromacy



Original Color

174.8040, 6.9986, -51.5711



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.1610, 2.3856, -18.5582

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.8040, 6.9986, -51.5711 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(116, 202, 189)` looks like.

```
.text, #text, p{  
    color:rgb(116, 202, 189)  
}
```

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(116, 202, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 202, 189) }
```

Border

The CSS property to change the border of an element to YUV 174.8040, 6.9986, -51.5711 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(116, 202, 189) }
```


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

```
.border{ border-color:rgb(116, 202, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 202, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 202, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 202, 189); box-shadow:4px 4px 4px 4px rgb(116, 202, 189) }
```

Background

The CSS property to change the background color of an element to YUV 174.8040, 6.9986, -51.5711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 202, 189) }
```

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

```
.background{ background-color: rgb(116,  
202, 189) }
```

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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