

Converting Colors

YUV(174.6940, 10.5039,
-55.8596)

Have a look what the booklet for
YUV(174.6940, 10.5039, -55.8596)
contains.

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Color

**YUV(174.6940, 10.5039,
-55.8596)**

Conversions

Conversions Part 1

Format	Color
Hex	6FCBC4
RGB	111, 203, 196
RGB Percent	44%, 80%, 77%
CMY	0.5647, 0.2039, 0.2314
CMYK	0.45, 0.00, 0.03, 0.20
HSL	175°, 47%, 62%
HSV	175°, 45%, 80%
XYZ	37.8753, 50.0769, 59.8941
YIQ	174.6940, -52.5850, -21.6810

Conversions

Conversions Part 2

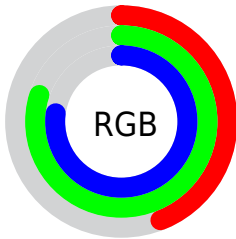
Format	Color
RYB	111, 159, 203
Decimal	7326660
CIELab	76.12, -29.11, -5.05
CIElCh	76, 29.549, 189.841
Yxy	50.0769, 0.2562, 0.3387
Android (android.graphics.Color)	4285516740 (0xFF6FCBC4)
YUV	174.6940, 10.5039, -55.8596
Hunter-Lab	70.7650, -28.3010, -0.6464

Details

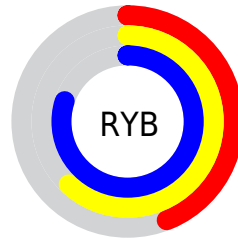
The YUV color **174.6940, 10.5039, -55.8596** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **139.3060, -10.5039, 55.8596**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.7590, 11.9508, -53.2856**, and **118.6120, 11.5303, -58.4187** is the 20% darker color. If you saturate the color by 10%, you get **168.4860, 12.5784, -67.9552**, and if you desaturate by 10%, it is **180.9020, 8.4293, -43.7641**.

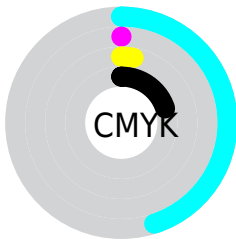
Distribution



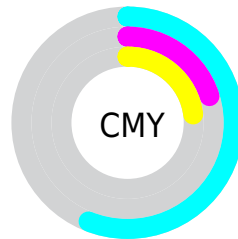
- Red (44%)
- Green (80%)
- Blue (77%)



- Red (44%)
- Yellow (62%)
- Blue (80%)



- Cyan (45%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (56%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.6940, 10.5039, -55.8596 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 174.6940, 10.5039, -55.8596 by changing the saturation by 10% instead.

■ 174.6940, 10.5039,
-55.8596

■ 174.6940, 10.5039,
-55.8596

255.0000, 0.0000,
0.0000

■ 146.5090, 11.0881,
-56.5744

■ 228.7590, 11.9508,
-53.2856

■ 118.6120, 11.5303,
-58.4187

■ 237.6580, 8.5496,
-35.6571

■ 87.9420, 14.3256,
-68.3551

■ 246.3290, 4.2748,
-17.8285

■ 67.4270, 12.1145,
-59.1335

■ 50.7170, 9.0135,
-44.4788

■ 34.7080, 6.0600,
-30.4389

■ 20.5740, 2.6750,

-18.0434

■ 0.0000, 0.0000,
0.0000

■ 174.6940, 10.5039,
-55.8596

■ 174.6940, 10.5039,
-55.8596

■ 168.4860, 12.5784,
-67.9552

■ 180.9020, 8.4293,
-43.7641

■ 162.0930, 15.2372,
-80.7656

■ 187.2950, 5.7706,
-30.9537

■ 155.8850, 17.3117,
-92.8611

■ 193.5030, 3.6960,
-18.8581

■ 149.7910, 19.8230,
-105.0567

■ 199.5970, 1.1847,
-6.6626

■ 143.5830, 21.8976,
-117.1523

■ 206.1040, -1.0373,
6.0478

■ 140.5930, 23.3717,
-123.3001

■ 212.1980, -3.5486,
18.2434

■ 218.4060, -5.6232,
30.3389

■ 219.1180, -5.4812,
31.4685

■ 219.3460, -4.6076,
31.2686

Harmonies

Analogous

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



178.1020, -4.9803, -36.0465



174.6940, 10.5039, -55.8596



174.6900, 23.3238, -61.1181

Triad

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



174.6940, 10.5039, -55.8596



191.4030, 19.0283, 10.1706



187.9550, -25.1208, 30.7345

Complementary

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



174.6940, 10.5039, -55.8596



139.3060, -10.5039, 55.8596

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.



189.9810, -17.7386, 42.9897



174.6940, 10.5039, -55.8596



192.1580, 7.3171, 33.1874

Square

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



174.6940, 10.5039, -55.8596



186.8770, 26.6826, -18.3091



191.4940, -5.6665, 44.2938



185.4210, -25.3506, 11.0318

Rectangle

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



174.6940, 10.5039, -55.8596



178.1840, 27.5173, -52.7814



191.4940, -5.6665, 44.2938



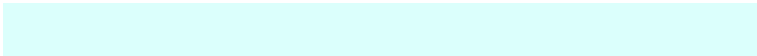
188.7430, -23.5373, 36.1824

Sweetspot

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



174.6940, 10.5039, -55.8596



243.8940, 3.9963, -21.8320



167.3960, -27.8032, -42.4433



121.1940, 2.3694, -13.3251



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.



174.6940, 10.5039, -55.8596



212.5980, 15.9742, -83.8394



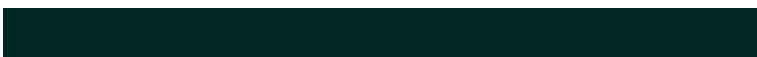
153.1860, 24.5583, -36.9971



98.8960, 1.0373, -6.0478



114.8840, 18.7912, -100.7533



26.2960, 4.2911, -23.0616

Inverse Universe

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



139.3060, -10.5039, 55.8596



159.5160, -15.5374, 83.7395



160.8140, -24.5583, 36.9971



95.1040, -1.0373, 6.0478



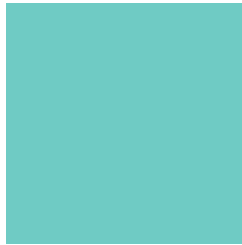
51.1160, -18.7912, 100.7533



11.7040, -4.2911, 23.0616

Previews

White Background



This preview shows how the YUV color 174.6940, 10.5039, -55.8596 looks on a white background.

Color Contrast Check

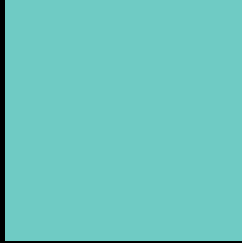
Large Text (above 18pt) WCAG AA × Fail

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 174.6940, 10.5039, -55.8596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

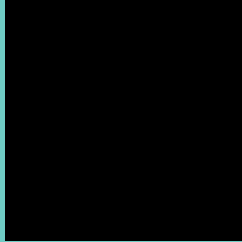
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.6940, 10.5039, -55.8596

Background



This preview shows how black text looks on a background with the YUV color 174.6940, 10.5039, -55.8596.

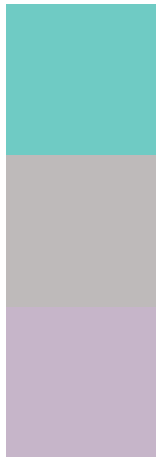


This preview shows how white text looks on a background with the YUV color 174.6940, 10.5039, -55.8596.

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

174.6940, 10.5039, -55.8596

Protanopia

187.1960, -0.5896, 2.4591

Deuteranopia

188.3630, 6.2300, 8.4516



Tritanopia

177.0070, 19.2235, -52.6261

Trichromacy



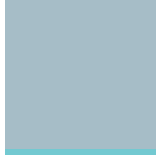
Original Color

174.6940, 10.5039, -55.8596



Protanomaly

182.5030, 3.6960, -18.8581



Deuteranomaly

183.2630, 7.7583, -15.1397



Tritanomaly

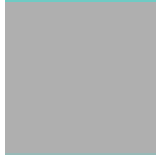
176.1980, 16.1714, -53.6706

Monochromacy



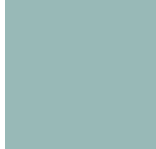
Original Color

174.6940, 10.5039, -55.8596



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.9050, 3.9908, -20.0877

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.6940, 10.5039, -55.8596 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, 203, 196)` looks like.

```
.text, #text, p{  
    color:rgb(111, 203, 196)  
}
```

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, 203, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 203, 196) }
```

Border

The CSS property to change the border of an element to YUV 174.6940, 10.5039, -55.8596 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, 203, 196) }
```


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

```
.border{ border-color:rgb(111, 203, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 203, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 203, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 203, 196); box-shadow:4px 4px 4px 4px rgb(111, 203, 196) }
```

Background

The CSS property to change the background color of an element to YUV 174.6940, 10.5039, -55.8596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 203, 196) }
```

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

```
.background{ background-color: rgb(111,  
203, 196) }
```

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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