

Converting Colors

YUV(155.7880, 21.3035,
-66.4661)

Have a look what the booklet for
YUV(155.7880, 21.3035, -66.4661)
contains.

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Color

**YUV(155.7880, 21.3035,
-66.4661)**

Conversions

Conversions Part 1

Format	Color
Hex	50BAC7
RGB	80, 186, 199
RGB Percent	31%, 73%, 78%
CMY	0.6863, 0.2706, 0.2196
CMYK	0.60, 0.07, 0.00, 0.22
HSL	187°, 52%, 55%
HSV	187°, 60%, 78%
XYZ	31.1760, 40.9468, 60.2932
YIQ	155.7880, -67.3490, -18.4290

Conversions

Conversions Part 2

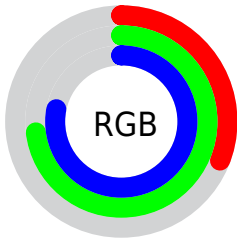
Format	Color
RYB	80, 136, 199
Decimal	5290695
CIELab	70.14, -26.46, -15.72
CIELCh	70, 30.781, 210.712
Yxy	40.9468, 0.2354, 0.3092
Android (android.graphics.Color)	4283480775 (0xFF50BAC7)
YUV	155.7880, 21.3035, -66.4661
Hunter-Lab	63.9897, -25.0162, -11.0722

Details

The YUV color **155.7880, 21.3035, -66.4661** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **123.2120, -21.3035, 66.4661**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9840, 20.7139, -64.0070**, and **94.0140, 25.1361, -82.4503** is the 20% darker color. If you saturate the color by 10%, you get **148.6340, 24.8304, -77.7320**, and if you desaturate by 10%, it is **162.9420, 17.7766, -55.2001**.

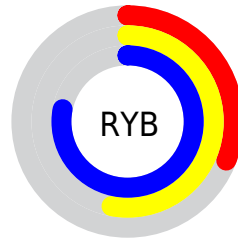
Distribution



Red (31%)

Green (73%)

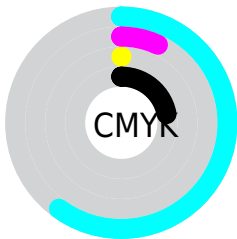
Blue (78%)



Red (31%)

Yellow (53%)

Blue (78%)

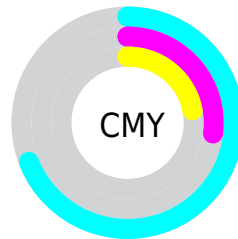


Cyan (60%)

Magenta (7%)

Yellow (0%)

Black (22%)



Cyan (69%)

Magenta (27%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.7880, 21.3035, -66.4661 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 155.7880, 21.3035, -66.4661 by changing the saturation by 10% instead.

■ 155.7880, 21.3035,
-66.4661

■ 155.7880, 21.3035,
-66.4661

■ 255.0000, 0.0000,
0.0000

■ 126.3960, 22.4828,
-71.3843

■ 212.9840, 20.7139,
-64.0070

■ 94.0140, 25.1361,
-82.4503

■ 229.5850, 12.5296,
-52.2560

■ 76.3750, 21.0141,
-66.9809

■ 238.2560, 8.2548,
-34.4275

■ 58.9640, 17.7657,
-51.7114

■ 247.2260, 3.8326,
-15.9842

■ 42.7270, 13.9386,
-37.4716

■ 27.3050, 10.6956,
-23.9465

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 155.7880, 21.3035,
-66.4661

■ 155.7880, 21.3035,
-66.4661

■ 148.6340, 24.8304,
-77.7320

■ 162.9420, 17.7766,
-55.2001

■ 141.4800, 28.3574,
-88.9980

■ 170.0960, 14.2497,
-43.9342

■ 133.7390, 32.1737,
-99.7491

■ 177.8370, 10.4334,
-33.1830

■ 126.5850, 35.7006,
-111.0150

■ 184.9910, 6.9064,
-21.9171

■ 192.1450, 3.3795,
-10.6512

■ 199.0000, 0.0000,
0.0000

■ 206.1540, -3.5269,
11.2659

■ 213.3080, -7.0538,
22.5319

■ 219.8530,
-10.2805, 30.8239

Harmonies

Analogous

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



158.2660, 6.2779, -53.7303



155.7880, 21.3035, -66.4661



160.8030, 28.6911, -55.9552

Triad

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



155.7880, 21.3035, -66.4661



175.8630, 11.4065, 28.1841



169.7100, -26.9720, 17.7943

Complementary

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



155.7880, 21.3035, -66.4661



123.2120, -21.3035, 66.4661

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.



172.0420, -23.6847, 36.7972



155.7880, 21.3035, -66.4661



175.5200, -1.7354, 43.3940

Square

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



155.7880, 21.3035, -66.4661



173.8580, 22.2550, 1.8785



173.8010, -14.6919, 45.7785



166.6470, -21.5180, -4.9524

Rectangle

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



155.7880, 21.3035, -66.4661



166.1410, 29.5105, -38.7117



173.8010, -14.6919, 45.7785



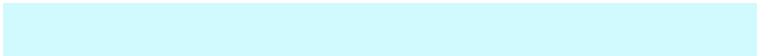
170.7540, -26.9937, 24.7717

Sweetspot

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



155.7880, 21.3035, -66.4661



238.3110, 8.2277, -25.7057



151.2210, -29.1960, -62.4608



116.9810, 5.4324, -15.7693



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.



155.7880, 21.3035, -66.4661



188.2440, 32.9107, -102.8230



121.7420, 38.0882, -36.6077



95.7220, 1.6161, -5.0182



103.6970, 29.2364, -90.9423



22.8880, 6.4642, -20.0728

Inverse Universe

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



127.6650, 28.7592, 62.5608



144.7120, 44.5120, 96.7226



157.2580, -38.0882, 36.6077



93.6030, 2.1677, 4.7332



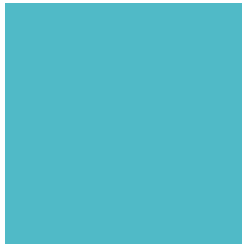
65.2670, 39.3084, 85.7118



14.4120, 8.6709, 18.9327

Previews

White Background



This preview shows how the YUV color 155.7880, 21.3035, -66.4661 looks on a white background.

Color Contrast Check

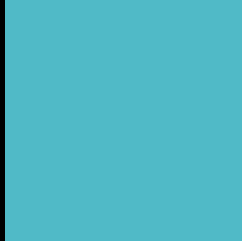
Large Text (above 18pt) WCAG AA × Fail

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 155.7880, 21.3035, -66.4661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

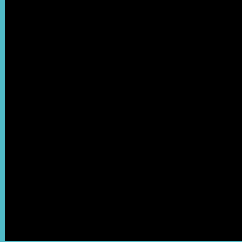
Any Text WCAG AA ✓ Pass

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 155.7880, 21.3035, -66.4661 Background



This preview shows how black text looks on a background with the YUV color 155.7880, 21.3035, -66.4661.



This preview shows how white text looks on a background with the YUV color 155.7880, 21.3035, -66.4661.

-66.4661.

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

155.7880, 21.3035, -66.4661

Protanopia

170.8670, 8.4466, -2.5144

Deuteranopia

171.7130, 15.4245, -0.6253



Tritanopia

156.3150, 22.0297, -66.0513

Trichromacy



Original Color

155.7880, 21.3035, -66.4661

Protanomaly

165.2770, 13.1744, -25.6759

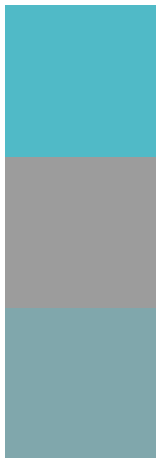
Deuteranomaly

165.8410, 17.8264, -24.4166

Tritanomaly

156.2010, 21.5929, -65.9513

Monochromacy



Original Color

155.7880, 21.3035, -66.4661

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9090, 7.9329, -24.4762

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.7880, 21.3035, -66.4661 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(80, 186, 199)` looks like.

```
.text, #text, p{  
    color:rgb(80, 186, 199)  
}
```

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(80, 186, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 186, 199) }
```

Border

The CSS property to change the border of an element to YUV 155.7880, 21.3035, -66.4661 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(80, 186, 199) }
```


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

```
.border{ border-color:rgb(80, 186, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 186, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 186, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 186, 199);  
box-shadow:4px 4px 4px 4px rgb(80, 186,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 155.7880, 21.3035, -66.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 186, 199) }
```

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

```
.background{ background-color: rgb(80, 186,  
199) }
```

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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