

Converting Colors

YUV(178.0670, 21.6590,
-40.4008)

Have a look what the booklet for
YUV(178.0670, 21.6590, -40.4008)
contains.

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Color

**YUV(178.0670, 21.6590,
-40.4008)**

Conversions

Conversions Part 1

Format	Color
Hex	84C1DE
RGB	132, 193, 222
RGB Percent	52%, 76%, 87%
CMY	0.4824, 0.2431, 0.1294
CMYK	0.41, 0.13, 0.00, 0.13
HSL	199°, 58%, 69%
HSV	199°, 41%, 87%
XYZ	41.7705, 48.3194, 76.2323
YIQ	178.0670, -45.6650, -3.9130

Conversions

Conversions Part 2

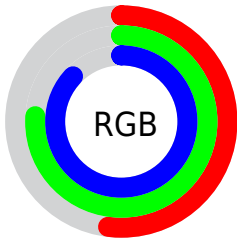
Format	Color
R _{YB}	132, 168, 222
Decimal	8700382
CIE Lab	75.03, -12.21, -20.65
CIE LCh	75, 23.990, 239.405
Yxy	48.3194, 0.2511, 0.2905
Android (android.graphics.Color)	4286890462 (0xFF84C1DE)
YUV	178.0670, 21.6590, -40.4008
Hunter-Lab	69.5121, -14.3839, -16.3634

Details

The YUV color **178.0670, 21.6590, -40.4008** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **175.9330, -21.6590, 40.4008**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.4450, 11.6126, -38.1013**, and **123.6540, 21.3696, -40.9156** is the 20% darker color. If you saturate the color by 10%, you get **167.3800, 26.9277, -50.3223**, and if you desaturate by 10%, it is **188.7540, 16.3903, -30.4793**.

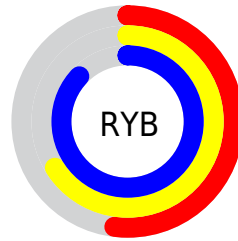
Distribution



Red (52%)

Green (76%)

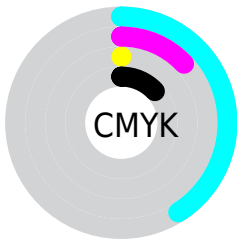
Blue (87%)



Red (52%)

Yellow (66%)

Blue (87%)

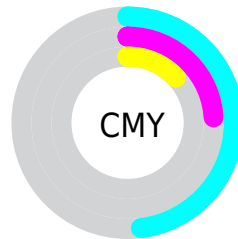


Cyan (41%)

Magenta (13%)

Yellow (0%)

Black (13%)



Cyan (48%)

Magenta (24%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.0670, 21.6590, -40.4008 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 178.0670, 21.6590, -40.4008 by changing the saturation by 10% instead.

■ 178.0670, 21.6590,
-40.4008

■ 178.0670, 21.6590,
-40.4008

■ 255.0000, 0.0000,
0.0000

■ 150.6540, 21.3696,
-40.9156

■ 231.4450, 11.6126,
-38.1013

■ 123.6540, 21.3696,
-40.9156

■ 243.6380, 5.6015,
-23.3615

■ 97.2300, 21.0856,
-43.1747

■ 252.3090, 1.3267,
-5.5330

■ 68.3430, 23.0019,
-51.1668

■ 49.0020, 20.2120,
-42.9748

■ 33.4660, 16.5323,
-29.3497

■ 19.1040, 12.2737,

-16.7542

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 178.0670, 21.6590,
-40.4008

■ 178.0670, 21.6590,
-40.4008

■ 167.3800, 26.9277,
-50.3223

■ 188.7540, 16.3903,
-30.4793

■ 156.6930, 32.1964,
-60.2438

■ 199.4410, 11.1216,
-20.5578

■ 145.7070, 37.6124,
-70.7800

■ 210.4270, 5.7055,
-10.0215

■ 134.4330, 43.1705,
-80.1867

■ 221.7010, 0.1474,
-0.6148

■ 123.7460, 48.4392,
-90.1082

■ 232.3880, -5.1213,
9.3067

■ 113.3580, 53.5605,
-99.4150

■ 240.0850, -8.9159,
13.0805

■ 244.1940,
-10.9416, 9.4769

■ 248.3030,
-12.9674, 5.8733

■ 251.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



175.6010, 14.9867, -47.0081



178.0670, 21.6590, -40.4008



183.0030, 22.1835, -21.9276

Triad

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



178.0670, 21.6590, -40.4008



188.2800, -1.1240, 33.9574



181.3960, -17.4502, -2.9783

Complementary

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



178.0670, 21.6590, -40.4008



175.9330, -21.6590, 40.4008

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.



183.8930, -21.1462, 15.8798



178.0670, 21.6590, -40.4008



187.2560, -11.4652, 37.4865

Square

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



178.0670, 21.6590, -40.4008



188.3630, 9.6810, 21.6066



185.8500, -19.1530, 29.9496



178.6800, -8.2232, -22.5214

Rectangle

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



178.0670, 21.6590, -40.4008



185.8200, 19.8087, -6.8581



185.8500, -19.1530, 29.9496



182.2720, -19.3611, 3.2695

Sweetspot

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



178.0670, 21.6590, -40.4008



239.8610, 7.4635, -13.9101



188.1360, -13.3780, -49.2313



119.0960, 4.3897, -7.9772



0.0000, 0.0000, 0.0000



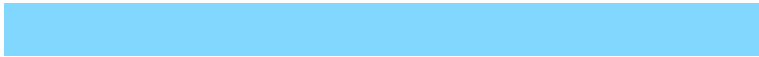
128.0000, 0.0000, 0.0000

Same Dimension

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



178.0670, 21.6590, -40.4008



194.1450, 30.0015, -56.2552



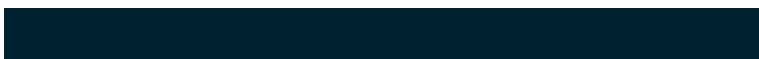
152.2390, 34.3922, -17.7496



106.9500, 2.4897, -5.2181



89.9170, 42.4389, -78.8572



24.8430, 11.4164, -21.7873

Inverse Universe

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



165.8640, 13.3780, 49.2313



177.0650, 18.7020, 68.3490



202.3480, -34.6816, 17.2348



105.2010, 1.8729, 5.9627



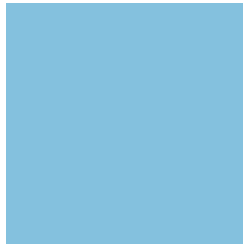
66.1900, 26.0353, 96.3034



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 178.0670, 21.6590, -40.4008 looks on a white background.

Color Contrast Check

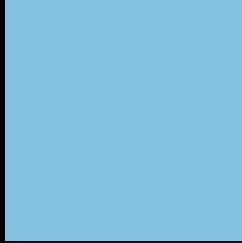
Large Text (above 18pt) WCAG AA × Fail

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 178.0670, 21.6590, -40.4008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

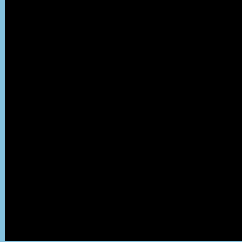
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.0670, 21.6590, -40.4008

Background



This preview shows how black text looks on a background with the YUV color 178.0670, 21.6590, -40.4008.



This preview shows how white text looks on a background with the YUV color 178.0670, 21.6590, -40.4008.

-40.4008.

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

178.0670, 21.6590, -40.4008

Protanopia

184.5660, 15.0040, -5.7584

Deuteranopia

185.4290, 19.5085, -3.8842



Tritanopia

177.0900, 16.7176, -42.1749

Trichromacy



Original Color

178.0670, 21.6590, -40.4008

Protanomaly

182.1730, 17.6627, -18.5687

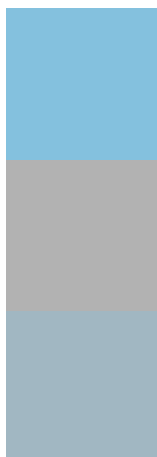
Deuteranomaly

182.8680, 20.2781, -17.4242

Tritanomaly

177.2580, 18.6068, -41.4453

Monochromacy



Original Color

178.0670, 21.6590, -40.4008

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.6760, 8.0477, -14.6249

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.0670, 21.6590, -40.4008 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(132, 193, 222)` looks like.

```
.text, #text, p{  
    color:rgb(132, 193, 222)  
}
```

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(132, 193, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 193, 222) }
```

Border

The CSS property to change the border of an element to YUV 178.0670, 21.6590, -40.4008 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(132, 193, 222) }
```


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

```
.border{ border-color:rgb(132, 193, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 193, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 193, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 193, 222);  
box-shadow:4px 4px 4px 4px rgb(132, 193,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 178.0670, 21.6590, -40.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 193, 222) }
```

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

```
.background{ background-color: rgb(132,  
193, 222) }
```

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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