

Converting Colors

YUV(156.5390, 22.4123,
-48.7077)

Have a look what the booklet for
YUV(156.5390, 22.4123, -48.7077)
contains.

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Color

**YUV(156.5390, 22.4123,
-48.7077)**

Conversions

Conversions Part 1

Format	Color
Hex	65B0CA
RGB	101, 176, 202
RGB Percent	40%, 69%, 79%
CMY	0.6039, 0.3098, 0.2078
CMYK	0.50, 0.13, 0.00, 0.21
HSL	195°, 49%, 59%
HSV	195°, 50%, 79%
XYZ	31.5528, 38.0816, 61.5646
YIQ	156.5390, -53.0460, -7.8140

Conversions

Conversions Part 2

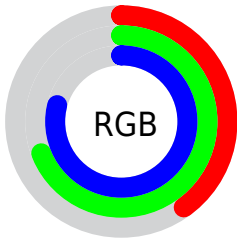
Format	Color
RYB	101, 144, 202
Decimal	6664394
CIELab	68.08, -16.21, -20.41
CIELCh	68, 26.067, 231.550
Yxy	38.0816, 0.2405, 0.2903
Android (android.graphics.Color)	4284854474 (0xFF65B0CA)
YUV	156.5390, 22.4123, -48.7077
Hunter-Lab	61.7103, -16.7250, -15.9528

Details

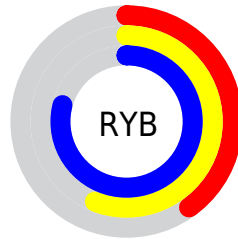
The YUV color **156.5390, 22.4123, -48.7077** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **146.4610, -22.4123, 48.7077**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.4960, 20.9545, -47.7930**, and **101.3320, 23.0073, -52.9112** is the 20% darker color. If you saturate the color by 10%, you get **147.6240, 26.8074, -58.4292**, and if you desaturate by 10%, it is **165.4540, 18.0172, -38.9862**.

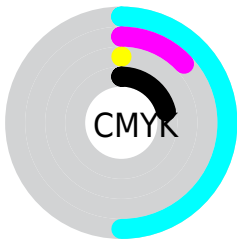
Distribution



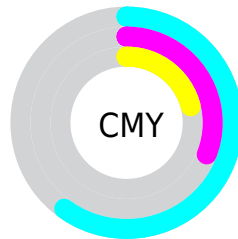
- Red (40%)
- Green (69%)
- Blue (79%)



- Red (40%)
- Yellow (56%)
- Blue (79%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (21%)



- Cyan (60%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.5390, 22.4123, -48.7077 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 156.5390, 22.4123, -48.7077 by changing the saturation by 10% instead.

■ 156.5390, 22.4123,
-48.7077

■ 156.5390, 22.4123,
-48.7077

■ 255.0000, 0.0000,
0.0000

■ 128.9410, 22.7071,
-49.9373

■ 212.4960, 20.9545,
-47.7930

■ 101.3320, 23.0073,
-52.9112

■ 234.3690, 10.1711,
-42.4196

■ 71.4340, 24.9290,
-62.6476

■ 243.0400, 5.8963,
-24.5911

■ 54.4960, 20.9545,
-47.7930

■ 252.0100, 1.4741,
-6.1478

■ 38.8460, 16.8379,
-34.0679

■ 24.0110, 13.3056,
-21.0576

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 156.5390, 22.4123,
-48.7077

■ 156.5390, 22.4123,
-48.7077

■ 147.6240, 26.8074,
-58.4292

■ 165.4540, 18.0172,
-38.9862

■ 138.7090, 31.2025,
-68.1508

■ 174.3690, 13.6221,
-29.2646

■ 128.9080, 36.0344,
-77.9723

■ 184.1700, 8.7902,
-19.4431

■ 119.9930, 40.4295,
-87.6939

■ 193.0850, 4.3951,
-9.7215

■ 111.0780, 44.8245,
-97.4154

■ 202.0000, 0.0000,
0.0000

■ 210.9150, -4.3951,
9.7215

■ 219.8300, -8.7902,
19.4431

■ 227.2390,
-12.4428, 24.3464

■ 230.1740,
-13.8898, 21.7724

Harmonies

Analogous

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



154.5250, 13.5452, -51.3264



156.5390, 22.4123, -48.7077



161.9310, 24.6840, -30.6345

Triad

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



156.5390, 22.4123, -48.7077



169.4910, 2.2229, 33.7724



163.0330, -20.2293, 1.7251

Complementary

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



156.5390, 22.4123, -48.7077



146.4610, -22.4123, 48.7077

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.



165.2850, -22.3255, 20.7981



156.5390, 22.4123, -48.7077



168.5490, -9.1447, 39.8605

Square

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



156.5390, 22.4123, -48.7077



169.4380, 12.6021, 18.0329



167.1110, -18.2957, 34.9827



160.0780, -11.8705, -19.3624

Rectangle

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



156.5390, 22.4123, -48.7077



165.5740, 22.8880, -14.5354



167.1110, -18.2957, 34.9827



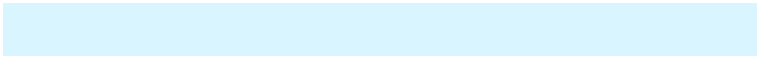
163.7350, -21.5614, 9.0024

Sweetspot

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



156.5390, 22.4123, -48.7077



237.7680, 8.4954, -18.2135



163.1370, -18.3085, -54.4941



117.6010, 5.1267, -11.0511



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.



156.5390, 22.4123, -48.7077



186.3600, 33.8395, -73.9837



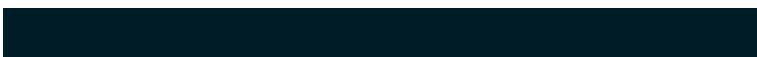
127.1890, 36.8818, -22.9678



97.2490, 2.3422, -4.6034



91.1250, 36.9134, -79.9166



20.7680, 8.4954, -18.2135

Inverse Universe

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



139.7490, 17.8717, 54.5941



160.7430, 27.2417, 82.6634



175.8110, -36.8818, 22.9678



95.7880, 1.5835, 5.4479



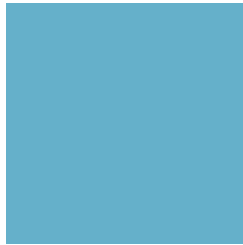
63.6560, 29.2566, 89.7557



14.5540, 6.6289, 20.5621

Previews

White Background



This preview shows how the YUV color 156.5390, 22.4123, -48.7077 looks on a white background.

Color Contrast Check

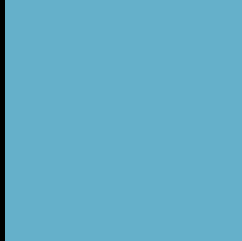
Large Text (above 18pt) WCAG AA × Fail

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 156.5390, 22.4123, -48.7077 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 156.5390, 22.4123, -48.7077

Background



This preview shows how black text looks on a background with the YUV color 156.5390, 22.4123, -48.7077.



This preview shows how white text looks on a background with the YUV color 156.5390, 22.4123, -48.7077.

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

156.5390, 22.4123, -48.7077

Protanopia

165.9250, 13.8410, -6.0732

Deuteranopia

166.6030, 18.9297, -4.9138



Tritanopia

155.6760, 17.9077, -50.5819

Trichromacy



Original Color

156.5390, 22.4123, -48.7077

Protanomaly

162.3360, 17.0894, -21.3427

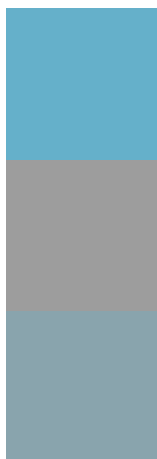
Deuteranomaly

162.8460, 20.2889, -20.9129

Tritanomaly

155.8440, 19.7969, -49.8522

Monochromacy



Original Color

156.5390, 22.4123, -48.7077

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.9530, 7.9112, -17.4988

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.5390, 22.4123, -48.7077 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(101, 176, 202)` looks like.

```
.text, #text, p{  
    color:rgb(101, 176, 202)  
}
```

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(101, 176, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 176, 202) }
```

Border

The CSS property to change the border of an element to YUV 156.5390, 22.4123, -48.7077 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(101, 176, 202) }
```


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

```
.border{ border-color:rgb(101, 176, 202) }
```

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

Here you see how a box with a 4 pixel rgb(101, 176, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 176, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 176, 202);  
box-shadow:4px 4px 4px 4px rgb(101, 176,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 156.5390, 22.4123, -48.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 176, 202) }
```

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

```
.background{ background-color: rgb(101,  
176, 202) }
```

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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