

Converting Colors

YUV(152.3890, 9.6682,
-67.8702)

Have a look what the booklet for
YUV(152.3890, 9.6682, -67.8702)
contains.

YUV(152.3890, 9.6682, -67.8702)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(152.3890, 9.6682,
-67.8702)**

Conversions

Conversions Part 1

Format	Color
Hex	4BBCAC
RGB	75, 188, 172
RGB Percent	29%, 74%, 67%
CMY	0.7059, 0.2627, 0.3255
CMYK	0.60, 0.00, 0.09, 0.26
HSL	172°, 46%, 52%
HSV	172°, 60%, 74%
XYZ	28.3313, 40.4409, 45.3424
YIQ	152.3890, -62.2120, -28.9320

Conversions

Conversions Part 2

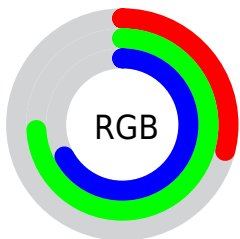
Format	Color
RYB	75, 136, 188
Decimal	4963500
CIELab	69.78, -35.75, -1.45
CIELCh	70, 35.782, 182.325
Yxy	40.4409, 0.2483, 0.3544
Android (android.graphics.Color)	4283153580 (0xFF4BBCAC)
YUV	152.3890, 9.6682, -67.8702
Hunter-Lab	63.5931, -31.7647, 2.2410

Details

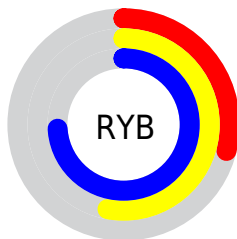
The YUV color $152.3890, 9.6682, -67.8702$ is a dark color, and the websafe version is hex $33CCCC$. A complement of this color would be $110.6110, -9.6682, 67.8702$, and the grayscale version is $152.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $210.0580, 8.3524, -65.8259$, and $92.3380, 13.6374, -80.9804$ is the 20% darker color. If you saturate the color by 10%, you get $146.3660, 11.1586, -79.2510$, and if you desaturate by 10%, it is $158.4120, 8.1779, -56.4893$.

Distribution



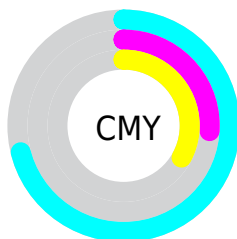
- Red (29%)
- Green (74%)
- Blue (67%)



- Red (29%)
- Yellow (53%)
- Blue (74%)



- Cyan (60%)
- Magenta (0%)
- Yellow (9%)
- Black (26%)



- Cyan (71%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.3890, 9.6682, -67.8702 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 152.3890, 9.6682, -67.8702 by changing the saturation by 10% instead.

■ 152.3890, 9.6682,
-67.8702

■ 152.3890, 9.6682,
-67.8702

■ 255.0000, 0.0000,
0.0000

■ 122.9970, 10.8475,
-72.7884

■ 210.0580, 8.3524,
-65.8259

■ 92.3380, 13.6374,
-80.9804

■ 227.7910, 13.4140,
-55.9447

■ 74.2260, 10.2416,
-65.0962

■ 236.4620, 9.1392,
-38.1162

■ 56.9290, 7.4300,
-49.9267

■ 245.4320, 4.7170,
-19.6729

■ 40.2190, 4.3290,
-35.2721

■ 254.4020, 0.2948,
-1.2296

■ 25.4980, 1.2335,
-22.3617

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 152.3890, 9.6682,
-67.8702

■ 152.3890, 9.6682,
-67.8702

■ 146.3660, 11.1586,
-79.2510

■ 158.4120, 8.1779,
-56.4893

■ 140.4570, 13.0857,
-90.7318

■ 164.3210, 6.2507,
-45.0085

■ 134.7330, 14.4286,
-101.4978

■ 170.0450, 4.9078,
-34.2425

■ 128.7100, 15.9190,
-112.8787

■ 176.0680, 3.4175,
-22.8616

■ 181.9770, 1.4903,
-11.3808

■ 188.0000, 0.0000,
0.0000

■ 194.0230, -1.4903,
11.3808

■ 199.6330, -3.2701,
22.2469

■ 205.6560, -4.7604,
33.6277

Harmonies

Analogous

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



159.4240, -10.0690, -37.2058



152.3890, 9.6682, -67.8702



146.4800, 28.3574, -88.9980

Triad

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



152.3890, 9.6682, -67.8702



173.3790, 25.4492, 4.0526



170.6250, -27.9161, 40.6709

Complementary

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



152.3890, 9.6682, -67.8702



110.6110, -9.6682, 67.8702

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.



172.4490, -17.4764, 52.2262



152.3890, 9.6682, -67.8702



174.9500, 12.8427, 34.2469

Square

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



152.3890, 9.6682, -67.8702



166.9120, 33.5674, -33.2488



173.7490, -2.3413, 51.0861



167.9830, -31.0506, 19.3089

Rectangle

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



152.3890, 9.6682, -67.8702



150.8430, 34.5874, -80.5463



173.7490, -2.3413, 51.0861



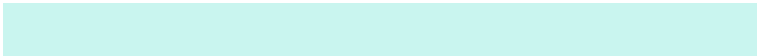
171.6410, -25.4590, 45.9188

Sweetspot

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



152.3890, 9.6682, -67.8702



231.1600, 3.8651, -26.4503



146.4140, -35.2071, -47.7211



113.5850, 2.6696, -16.2990



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



152.3890, 9.6682, -67.8702



189.5260, 15.0237, -105.7013



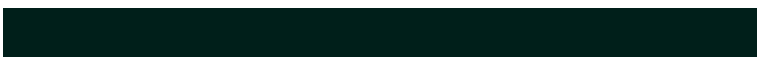
130.7330, 28.2326, -48.8778



91.1950, 0.8899, -5.4330



108.2500, 13.6807, -94.9352



21.1610, 2.3856, -18.5582

Inverse Universe

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



110.6110, -9.6682, 67.8702



124.4740, -15.0237, 105.7013



132.2670, -28.2326, 48.8778



87.8050, -0.8899, 5.4330



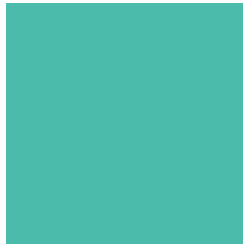
49.7500, -13.6807, 94.9352



9.7250, -2.8224, 18.6582

Previews

White Background



This preview shows how the YUV color 152.3890, 9.6682, -67.8702 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 152.3890, 9.6682, -67.8702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

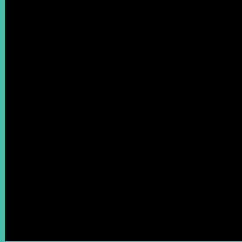
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.3890, 9.6682, -67.8702

Background



This preview shows how black text looks on a background with the YUV color 152.3890, 9.6682, -67.8702.

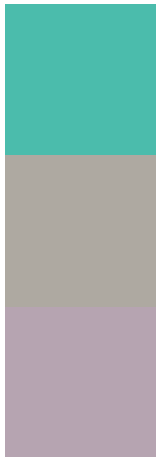


This preview shows how white text looks on a background with the YUV color 152.3890, 9.6682, -67.8702.

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

152.3890, 9.6682, -67.8702

Protanopia

169.5830, -4.2314, 3.8737

Deuteranopia

170.8640, 3.0250, 9.7663



Tritanopia

156.4080, 20.9979, -61.7478

Trichromacy



Original Color

152.3890, 9.6682, -67.8702

Protanomaly

163.3840, 0.7967, -22.2618

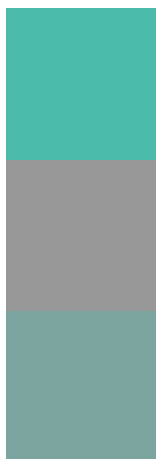
Deuteranomaly

164.2580, 5.2958, -18.6433

Tritanomaly

154.6590, 16.9301, -63.7219

Monochromacy



Original Color

152.3890, 9.6682, -67.8702

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.0570, 3.4229, -24.6060

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.3890, 9.6682, -67.8702 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(75, 188, 172)` looks like.

```
.text, #text, p{  
    color:rgb(75, 188, 172)  
}
```

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(75, 188, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 188, 172) }
```

Border

The CSS property to change the border of an element to YUV 152.3890, 9.6682, -67.8702 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(75, 188, 172) }
```


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

```
.border{ border-color:rgb(75, 188, 172) }
```

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

Here you see how a box with a 4 pixel rgb(75, 188, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 188, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 188, 172);  
box-shadow:4px 4px 4px 4px rgb(75, 188,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 152.3890, 9.6682, -67.8702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 188, 172) }
```

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

```
.background{ background-color: rgb(75, 188,  
172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor