

Converting Colors

YUV(162.6750, 19.3872,
-58.4740)

Have a look what the booklet for
YUV(162.6750, 19.3872, -58.4740)
contains.

YUV(162.6750, 19.3872, -58.4740)	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(162.6750, 19.3872,
-58.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	60BDCA
RGB	96, 189, 202
RGB Percent	38%, 74%, 79%
CMY	0.6235, 0.2588, 0.2078
CMYK	0.52, 0.06, 0.00, 0.21
HSL	187°, 50%, 58%
HSV	187°, 52%, 79%
XYZ	33.6821, 43.1463, 62.4299
YIQ	162.6750, -59.6010, -15.6730

Conversions

Conversions Part 2

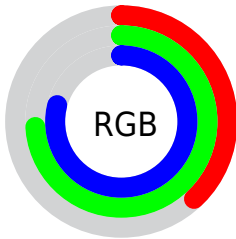
Format	Color
RYB	96, 146, 202
Decimal	6340042
CIELab	71.65, -23.99, -15.02
CIELCh	72, 28.309, 212.056
Yxy	43.1463, 0.2419, 0.3098
Android (android.graphics.Color)	4284530122 (0xFF60BDCA)
YUV	162.6750, 19.3872, -58.4740
Hunter-Lab	65.6858, -23.4196, -10.3711

Details

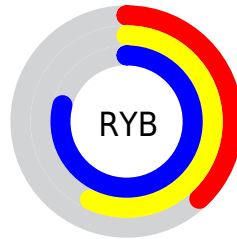
The YUV color **162.6750, 19.3872, -58.4740** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **135.3250, -19.3872, 58.4740**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.9310, 17.7820, -56.9445**, and **104.7880, 21.3035, -66.4661** is the 20% darker color. If you saturate the color by 10%, you get **155.5210, 22.9141, -69.7399**, and if you desaturate by 10%, it is **169.8290, 15.8603, -47.2080**.

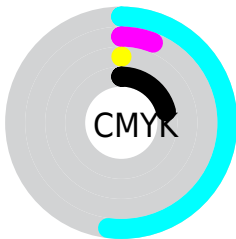
Distribution



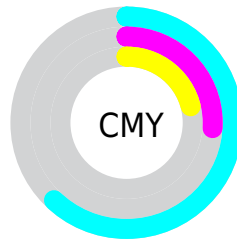
- Red (38%)
- Green (74%)
- Blue (79%)



- Red (38%)
- Yellow (57%)
- Blue (79%)



- Cyan (52%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (62%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.6750, 19.3872, -58.4740 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 162.6750, 19.3872, -58.4740 by changing the saturation by 10% instead.

■ 162.6750, 19.3872,
-58.4740

■ 162.6750, 19.3872,
-58.4740

■ 255.0000, 0.0000,
0.0000

■ 134.7780, 19.8294,
-60.3183

■ 218.9310, 17.7820,
-56.9445

■ 104.7880, 21.3035,
-66.4661

■ 233.4720, 10.6133,
-44.2639

■ 78.4780, 21.4563,
-68.8252

■ 242.1430, 6.3385,
-26.4354

■ 60.9530, 17.7712,
-53.4558

■ 251.1130, 1.9163,
-7.9921

■ 44.8300, 14.3808,
-39.3159

■ 28.7070, 10.9904,
-25.1760

■ 11.0510, 9.3419,

-9.6917

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 162.6750, 19.3872,
-58.4740

■ 162.6750, 19.3872,
-58.4740

■ 155.5210, 22.9141,
-69.7399

■ 169.8290, 15.8603,
-47.2080

■ 147.7800, 26.7305,
-80.4911

■ 177.5700, 12.0440,
-36.4569

■ 140.3270, 30.4048,
-92.3718

■ 185.0230, 8.3697,
-24.5762

■ 132.5860, 34.2211,
-103.1229

■ 192.7640, 4.5533,
-13.8250

■ 126.9270, 37.0110,
-111.3150

■ 199.9180, 1.0264,
-2.5591

■ 207.6590, -2.7899,
8.1921

■ 214.8130, -6.3168,
19.4580

■ 221.9560, -9.8383,
28.9796

■ 223.1300,
-10.4171, 27.9500

Harmonies

Analogous

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



163.8860, 5.9722, -49.0120



162.6750, 19.3872, -58.4740



166.8640, 26.1960, -48.9927

Triad

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



162.6750, 19.3872, -58.4740



179.5100, 10.1016, 26.7397



173.6820, -24.4932, 16.0649

Complementary

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



162.6750, 19.3872, -58.4740



135.3250, -19.3872, 58.4740

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.



176.3620, -22.3635, 33.0085



162.6750, 19.3872, -58.4740



179.6830, -2.3087, 40.6200

Square

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



162.6750, 19.3872, -58.4740



178.0000, 20.2130, 3.5080



177.8930, -14.2442, 42.1898



171.1030, -19.7708, -5.3523

Rectangle

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



162.6750, 19.3872, -58.4740



171.1910, 27.0208, -33.4935



177.8930, -14.2442, 42.1898



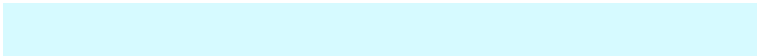
175.3130, -24.8043, 22.5275

Sweetspot

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



162.6750, 19.3872, -58.4740



239.8060, 7.4906, -22.6319



159.5900, -25.4339, -55.7684



118.7640, 4.5533, -13.8250



0.0000, 0.0000, 0.0000



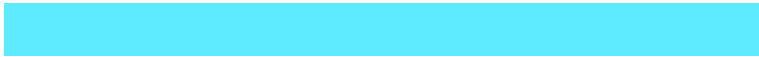
128.0000, 0.0000, 0.0000

Same Dimension

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



162.6750, 19.3872, -58.4740



195.1210, 29.5203, -88.6831



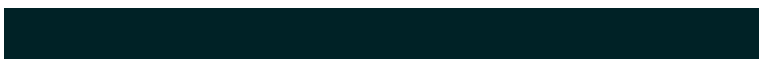
132.1510, 34.4356, -31.7044



98.4230, 1.7635, -5.6330



104.0390, 30.5468, -91.2422



24.2900, 6.7590, -21.3023

Inverse Universe

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



138.2960, 24.9971, 55.8684



158.2130, 37.8560, 84.8822



165.8490, -34.4356, 31.7044



96.0160, 2.4571, 5.2480



66.1640, 38.8661, 87.5562



15.2380, 9.2497, 19.9623

Previews

White Background



This preview shows how the YUV color 162.6750, 19.3872, -58.4740 looks on a white background.

Color Contrast Check

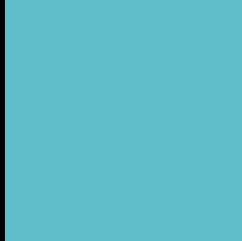
Large Text (above 18pt) WCAG AA × Fail

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 162.6750, 19.3872, -58.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

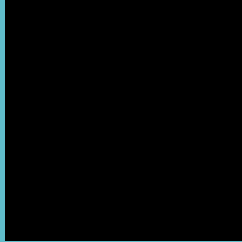
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.6750, 19.3872, -58.4740

Background



This preview shows how black text looks on a background with the YUV color 162.6750, 19.3872, -58.4740.



This preview shows how white text looks on a background with the YUV color 162.6750, 19.3872, -58.4740.

-58.4740.

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

162.6750, 19.3872, -58.4740

Protanopia

174.8670, 8.4466, -2.5144

Deuteranopia

175.8980, 14.8403, 0.0895



Tritanopia

163.2020, 20.1134, -58.0592

Trichromacy



Original Color

162.6750, 19.3872, -58.4740

Protanomaly

170.4730, 12.5848, -23.2168

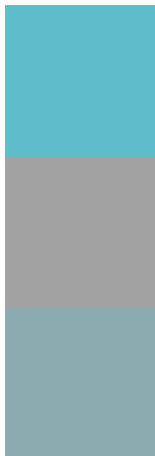
Deuteranomaly

171.2220, 16.6526, -21.2427

Tritanomaly

163.0880, 19.6766, -57.9592

Monochromacy



Original Color

162.6750, 19.3872, -58.4740

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.7030, 7.0484, -20.7875

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.6750, 19.3872, -58.4740 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(96, 189, 202)` looks like.

```
.text, #text, p{  
    color:rgb(96, 189, 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(96, 189, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 189, 202) }
```

Border

The CSS property to change the border of an element to YUV 162.6750, 19.3872, -58.4740 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(96, 189, 202) }
```


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

```
.border{ border-color:rgb(96, 189, 202) }
```

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

Here you see how a box with a 4 pixel rgb(96, 189, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 189, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 189, 202);  
box-shadow:4px 4px 4px 4px rgb(96, 189,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 162.6750, 19.3872, -58.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 189, 202) }
```

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

```
.background{ background-color: rgb(96, 189,  
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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