

Converting Colors

YUV(158.9100, 16.3134,
-52.5411)

Have a look what the booklet for
YUV(158.9100, 16.3134, -52.5411)
contains.

YUV(158.9100, 16.3134, -52.5411)	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(158.9100, 16.3134,
-52.5411)**

Conversions

Conversions Part 1

Format	Color
Hex	63B7C0
RGB	99, 183, 192
RGB Percent	39%, 72%, 75%
CMY	0.6118, 0.2824, 0.2471
CMYK	0.48, 0.05, 0.00, 0.25
HSL	186°, 42%, 57%
HSV	186°, 48%, 75%
XYZ	31.5935, 40.3254, 55.9876
YIQ	158.9100, -52.9530, -15.0090

Conversions

Conversions Part 2

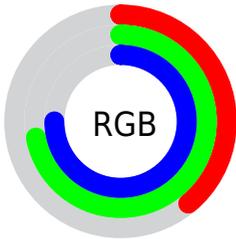
Format	Color
R_{YB}	99, 143, 192
Decimal	6535104
CIE _{Lab}	69.70, -23.04, -12.47
CIE _{LCh}	70, 26.200, 208.419
Yxy	40.3254, 0.2470, 0.3153
Android (android.graphics.Color)	4284725184 (0xFF63B7C0)
YUV	158.9100, 16.3134, -52.5411
Hunter-Lab	63.5023, -22.3221, -7.8222

Details

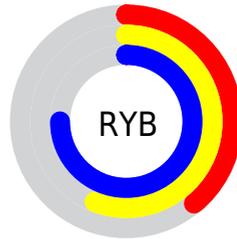
The YUV color **158.9100, 16.3134, -52.5411** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **132.0900, -16.3134, 52.5411**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2090, 16.1660, -51.9263**, and **103.5180, 17.4926, -57.4593** is the 20% darker color. If you saturate the color by 10%, you get **152.0550, 19.6929, -63.1922**, and if you desaturate by 10%, it is **165.7650, 12.9339, -41.8899**.

Distribution



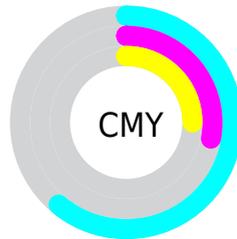
- Red (39%)
- Green (72%)
- Blue (75%)



- Red (39%)
- Yellow (56%)
- Blue (75%)



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (61%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.9100, 16.3134, -52.5411 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 158.9100, 16.3134, -52.5411 by changing the saturation by 10% instead.

■ 158.9100, 16.3134,
-52.5411

■ 158.9100, 16.3134,
-52.5411

■ 255.0000, 0.0000,
0.0000

■ 131.3120, 16.6082,
-53.7706

■ 215.2090, 16.1660,
-51.9263

■ 103.5180, 17.4926,
-57.4593

■ 233.7710, 10.4659,
-43.6492

■ 73.9300, 19.2615,
-64.8366

■ 242.4420, 6.1911,
-25.8206

■ 57.1060, 15.7237,
-50.0820

■ 251.4120, 1.7689,
-7.3773

■ 40.8690, 11.8966,
-35.8421

■ 25.4470, 8.6536,
-22.3170

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 158.9100, 16.3134,
-52.5411

■ 158.9100, 16.3134,
-52.5411

■ 152.0550, 19.6929,
-63.1922

■ 165.7650, 12.9339,
-41.8899

■ 145.2000, 23.0724,
-73.8434

■ 172.6200, 9.5543,
-31.2387

■ 138.0460, 26.5993,
-85.1093

■ 179.7740, 6.0274,
-19.9728

■ 131.7780, 29.6894,
-96.2753

■ 186.0420, 2.9373,
-8.8068

■ 124.9230, 33.0690,
-106.9265

■ 192.8970, -0.4422,
1.8443

■ 123.4390, 33.8006,
-108.2560

■ 199.7520, -3.8217,
12.4955

■ 206.6070, -7.2013,
23.1467

■ 213.7610,
-10.7282, 34.4126

■ 215.5330,
-11.6018, 34.6126

Harmonies

Analogous

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



160.6480, 3.6245, -42.6643



158.9100, 16.3134, -52.5411



161.9030, 23.7118, -45.5189

Triad

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



158.9100, 16.3134, -52.5411



174.3030, 10.6966, 22.5363



169.1490, -22.7515, 17.4093

Complementary

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



158.9100, 16.3134, -52.5411



132.0900, -16.3134, 52.5411

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.



171.0460, -19.7427, 32.4087



158.9100, 16.3134, -52.5411



174.0030, -0.9875, 36.8314

Square

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



158.9100, 16.3134, -52.5411



172.4510, 19.4977, -0.3955



172.5660, -11.6180, 39.8456



166.9400, -19.1974, -2.5784

Rectangle

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



158.9100, 16.3134, -52.5411



165.6210, 24.8368, -32.9936



172.5660, -11.6180, 39.8456



170.1820, -22.7677, 22.6424

Sweetspot

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



158.9100, 16.3134, -52.5411



236.2900, 6.7590, -21.3023



154.5030, -23.4190, -48.6761



116.9490, 3.9691, -13.1103



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



158.9100, 16.3134, -52.5411



198.4270, 25.4255, -81.9355



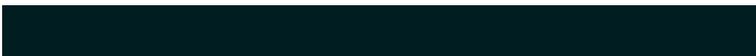
132.4950, 29.3360, -29.3751



93.4230, 1.7635, -5.6330



103.4690, 28.3628, -90.7423



21.3720, 5.7326, -18.7432

Inverse Universe

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



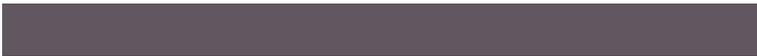
136.3830, 22.9822, 48.7761



163.2890, 35.8465, 76.0455



158.5050, -29.3360, 29.3751



91.0160, 2.4571, 5.2480



64.6690, 39.6032, 84.4823



13.2870, 8.2395, 17.2883

Previews

White Background



This preview shows how the YUV color 158.9100, 16.3134, -52.5411 looks on a white background.

Color Contrast Check

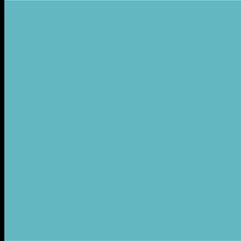
Large Text (above 18pt) WCAG AA × Fail

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 158.9100, 16.3134, -52.5411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

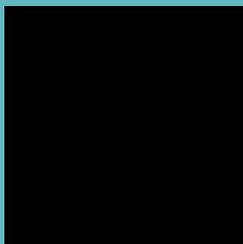
Any Text WCAG AA ✓ Pass

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 158.9100, 16.3134, -52.5411 Background



This preview shows how black text looks on a background with the YUV color 158.9100, 16.3134, -52.5411.



This preview shows how white text looks on a background with the YUV color 158.9100, 16.3134, -52.5411.

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

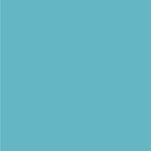
158.9100, 16.3134, -52.5411

Protanopia

169.7100, 6.5520, -1.4997

Deuteranopia

170.9260, 12.3615, 1.8189



Tritanopia

159.4910, 18.4919, -51.2966

Trichromacy



Original Color

158.9100, 16.3134, -52.5411

Protanomaly

165.5120, 10.1006, -19.7430

Deuteranomaly

166.8480, 13.8789, -18.2837

Tritanomaly

158.9640, 17.7657, -51.7114

Monochromacy



Original Color

158.9100, 16.3134, -52.5411

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0730, 5.8800, -19.3580

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.9100, 16.3134, -52.5411 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(99, 183, 192)` looks like.

```
.text, #text, p{  
    color:rgb(99, 183, 192)  
}
```

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(99, 183, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 183, 192) }
```

Border

The CSS property to change the border of an element to YUV 158.9100, 16.3134, -52.5411 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(99, 183, 192) }
```

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

```
.border{ border-color:rgb(99, 183, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 183, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 183, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 183, 192);  
box-shadow:4px 4px 4px 4px rgb(99, 183,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 158.9100, 16.3134, -52.5411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 183, 192) }
```

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

```
.background{ background-color: rgb(99, 183,  
192) }
```

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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