

Converting Colors

YUV(152.3350, 31.8798,
-52.0368)

Have a look what the booklet for
YUV(152.3350, 31.8798, -52.0368)
contains.

YUV(152.3350, 31.8798, -52.0368)	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(152.3350, 31.8798,
-52.0368)**

Conversions

Conversions Part 1

Format	Color
Hex	5DAAD9
RGB	93, 170, 217
RGB Percent	36%, 67%, 85%
CMY	0.6353, 0.3333, 0.1490
CMYK	0.57, 0.22, 0.00, 0.15
HSL	203°, 62%, 61%
HSV	203°, 57%, 85%
XYZ	31.4133, 36.0864, 70.9553
YIQ	152.3350, -60.9790, -1.7070

Conversions

Conversions Part 2

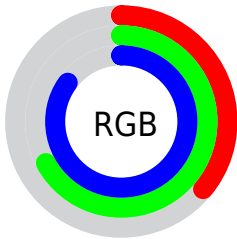
Format	Color
RYB	93, 141, 217
Decimal	6138585
CIELab	66.59, -10.28, -31.01
CIELCh	67, 32.665, 251.662
Yxy	36.0864, 0.2269, 0.2606
Android (android.graphics.Color)	4284328665 (0xFF5DAAD9)
YUV	152.3350, 31.8798, -52.0368
Hunter-Lab	60.0719, -11.7832, -27.9814

Details

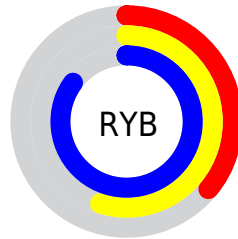
The YUV color **152.3350, 31.8798, -52.0368** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **157.6650, -31.8798, 52.0368**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.5930, 23.8647, -47.8781**, and **93.7140, 33.6650, -64.6472** is the 20% darker color. If you saturate the color by 10%, you get **141.0610, 37.4379, -61.4435**, and if you desaturate by 10%, it is **163.6090, 26.3218, -42.6301**.

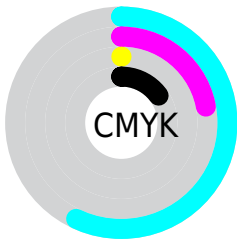
Distribution



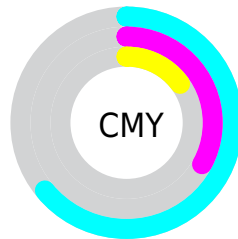
- Red (36%)
- Green (67%)
- Blue (85%)



- Red (36%)
- Yellow (55%)
- Blue (85%)



- Cyan (57%)
- Magenta (22%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (33%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.3350, 31.8798, -52.0368 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 152.3350, 31.8798, -52.0368 by changing the saturation by 10% instead.

■ 152.3350, 31.8798,
-52.0368

■ 152.3350, 31.8798,
-52.0368

■ 255.0000, 0.0000,
0.0000

■ 124.6120, 31.7433,
-54.9107

■ 206.5930, 23.8647,
-47.8781

■ 93.7140, 33.6650,
-64.6472

■ 232.2870, 11.1975,
-44.9787

■ 70.0950, 32.4912,
-61.4733

■ 241.5450, 6.6333,
-27.6650

■ 53.6300, 27.7904,
-47.0335

■ 250.5150, 2.2111,
-9.2217

■ 37.8660, 23.2371,
-33.2085

■ 23.5040, 18.9785,
-20.6130

■ 6.3210, 16.6037,

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 152.3350, 31.8798,
-52.0368

■ 152.3350, 31.8798,
-52.0368

■ 141.0610, 37.4379,
-61.4435

■ 163.6090, 26.3218,
-42.6301

■ 130.0860, 42.8486,
-70.2354

■ 174.5840, 20.9111,
-33.8382

■ 118.2250, 48.6961,
-79.1273

■ 186.4450, 15.0636,
-24.9463

■ 106.9510, 54.2542,
-88.5340

■ 197.7190, 9.5055,
-15.5396

■ 103.9830, 55.7174,
-91.1931

■ 208.9930, 3.9475,
-6.1329

■ 219.9680, -1.4632,
2.6591

■ 231.8290, -7.3107,
11.5510

■ 239.5150,
-11.0999, 13.5803

■ 244.2110,
-13.4150, 9.4620

Harmonies

Analogous

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



143.7530, 27.7298, -74.3284



152.3350, 31.8798, -52.0368



161.0340, 28.5772, -19.3238

Triad

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



152.3350, 31.8798, -52.0368



165.1740, -6.9878, 48.0824



155.5640, -19.0121, -15.4036

Complementary

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



152.3350, 31.8798, -52.0368



157.6650, -31.8798, 52.0368

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.



159.2530, -27.2397, 10.3021



152.3350, 31.8798, -52.0368



163.5360, -19.4912, 45.1339

Square

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



152.3350, 31.8798, -52.0368



166.1800, 7.3063, 36.6761



161.7980, -27.0154, 31.7492



150.9980, -3.9430, -42.0942

Rectangle

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



152.3350, 31.8798, -52.0368



164.7980, 23.2706, 2.8082



161.7980, -27.0154, 31.7492



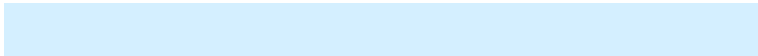
156.4080, -22.3861, -6.4968

Sweetspot

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



152.3350, 31.8798, -52.0368



232.7510, 10.9688, -18.1986



170.9180, -16.2286, -68.3341



114.3560, 6.7265, -10.8362



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.



152.3350, 31.8798, -52.0368



163.0470, 45.3328, -73.7092



117.1150, 49.2433, -21.1489



103.7760, 3.0684, -4.1886



83.1180, 44.3118, -72.8945



22.2670, 11.7004, -19.5282

Inverse Universe

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



138.8540, 15.3550, 68.5340



144.0500, 21.6673, 97.3031



192.8850, -49.2433, 21.1489



102.9730, 0.9993, 6.1627



64.0390, 21.6728, 95.5588



17.0600, 5.8864, 25.3804

Previews

White Background



This preview shows how the YUV color 152.3350, 31.8798, -52.0368 looks on a white background.

Color Contrast Check

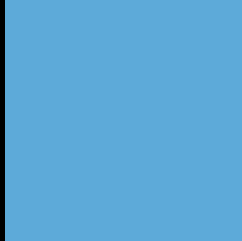
Large Text (above 18pt) WCAG AA × Fail

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 152.3350, 31.8798, -52.0368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

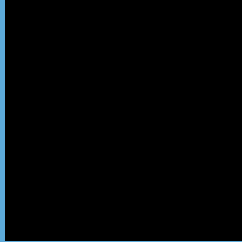
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.3350, 31.8798, -52.0368

Background



This preview shows how black text looks on a background with the YUV color 152.3350, 31.8798, -52.0368.



This preview shows how white text looks on a background with the YUV color 152.3350, 31.8798, -52.0368.

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

152.3350, 31.8798, -52.0368

Protanopia

161.4110, 23.4614, -11.7614

Deuteranopia

161.3550, 28.4190, -15.2203



Tritanopia

148.7890, 19.8240, -58.5740

Trichromacy



Original Color

152.3350, 31.8798, -52.0368

Protanomaly

158.1210, 26.5623, -26.4161

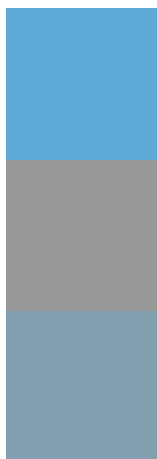
Deuteranomaly

157.9080, 29.6254, -28.8603

Tritanomaly

149.9510, 24.1812, -56.0850

Monochromacy



Original Color

152.3350, 31.8798, -52.0368

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.5660, 11.5530, -18.9134

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.3350, 31.8798, -52.0368 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(93, 170, 217)` looks like.

```
.text, #text, p{  
    color:rgb(93, 170, 217)  
}
```

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(93, 170, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 170, 217) }
```

Border

The CSS property to change the border of an element to YUV 152.3350, 31.8798, -52.0368 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(93, 170, 217) }
```


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

```
.border{ border-color:rgb(93, 170, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 170, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 170, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 170, 217);  
box-shadow:4px 4px 4px 4px rgb(93, 170,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 152.3350, 31.8798, -52.0368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 170, 217) }
```

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

```
.background{ background-color: rgb(93, 170,  
217) }
```

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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