

Converting Colors

YUV(153.4370, 20.4906,
-38.9712)

Have a look what the booklet for
YUV(153.4370, 20.4906, -38.9712)
contains.

YUV(153.4370, 20.4906, -38.9712)	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(153.4370, 20.4906,
-38.9712)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA8C3
RGB	109, 168, 195
RGB Percent	43%, 66%, 76%
CMY	0.5725, 0.3412, 0.2353
CMYK	0.44, 0.14, 0.00, 0.24
HSL	199°, 42%, 60%
HSV	199°, 44%, 76%
XYZ	30.1596, 35.1966, 56.8338
YIQ	153.4370, -43.8310, -4.1110

Conversions

Conversions Part 2

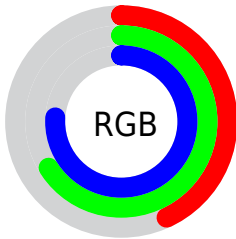
Format	Color
RYB	109, 144, 195
Decimal	7186627
CIELab	65.90, -11.99, -19.82
CIELCh	66, 23.166, 238.835
Yxy	35.1966, 0.2468, 0.2880
Android (android.graphics.Color)	4285376707 (0xFF6DA8C3)
YUV	153.4370, 20.4906, -38.9712
Hunter-Lab	59.3267, -13.0786, -15.2699

Details

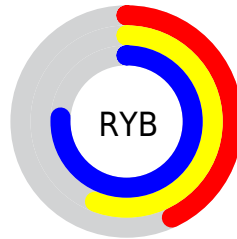
The YUV color **153.4370, 20.4906, -38.9712** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **150.5630, -20.4906, 38.9712**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6650, 21.3642, -39.1712**, and **100.3120, 20.0592, -40.6156** is the 20% darker color. If you saturate the color by 10%, you get **144.2340, 25.0276, -47.5632**, and if you desaturate by 10%, it is **162.9390, 15.8061, -29.7645**.

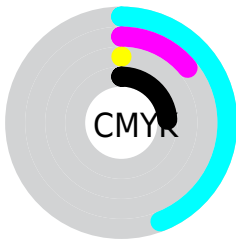
Distribution



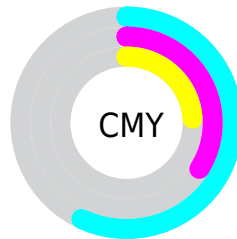
- Red (43%)
- Green (66%)
- Blue (76%)



- Red (43%)
- Yellow (56%)
- Blue (76%)



- Cyan (44%)
- Magenta (14%)
- Yellow (0%)
- Black (24%)



- Cyan (57%)
- Magenta (34%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.4370, 20.4906, -38.9712 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 153.4370, 20.4906, -38.9712 by changing the saturation by 10% instead.

■ 153.4370, 20.4906,
-38.9712

■ 153.4370, 20.4906,
-38.9712

■ 255.0000, 0.0000,
0.0000

■ 127.0240, 20.2012,
-39.4860

■ 208.6650, 21.3642,
-39.1712

■ 100.3120, 20.0592,
-40.6156

■ 234.7010, 10.0074,
-36.5718

■ 72.9200, 21.2384,
-45.5338

■ 244.8340, 5.0118,
-20.9024

■ 50.2900, 20.0700,
-44.1043

■ 253.8040, 0.5896,
-2.4591

■ 34.6400, 15.9535,
-30.3793

■ 20.3920, 12.1317,
-17.8838

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 153.4370, 20.4906,
-38.9712

■ 153.4370, 20.4906,
-38.9712

■ 144.2340, 25.0276,
-47.5632

■ 162.9390, 15.8061,
-29.7645

■ 134.7320, 29.7121,
-56.7700

■ 172.1420, 11.2690,
-21.1725

■ 125.2300, 34.3966,
-65.9767

■ 181.6440, 6.5845,
-11.9658

■ 116.0270, 38.9337,
-74.5687

■ 190.8470, 2.0474,
-3.3738

■ 106.2370, 43.7602,
-82.6458

■ 200.9360, -2.9264,
5.3181

■ 100.8880, 46.3972,
-88.4788

■ 210.1390, -7.4635,
13.9101

■ 219.3420,
-12.0006, 22.5021

■ 225.8540,
-15.2110, 25.5610

■ 229.3760,
-16.9474, 22.4722

Harmonies

Analogous

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



150.6830, 13.9603, -44.4490



153.4370, 20.4906, -38.9712



158.0740, 21.1625, -21.1129

Triad

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



153.4370, 20.4906, -38.9712



163.3830, -0.6818, 32.1131



156.9230, -16.7240, -2.5635

Complementary

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



153.4370, 20.4906, -38.9712



150.5630, -20.4906, 38.9712

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.



158.9360, -19.6884, 14.9651



153.4370, 20.4906, -38.9712



162.1740, -10.4388, 34.9274

Square

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



153.4370, 20.4906, -38.9712



163.8250, 8.9603, 19.4475



161.1810, -17.8372, 27.9053



154.3920, -8.0813, -21.3918

Rectangle

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



153.4370, 20.4906, -38.9712



161.1790, 18.6458, -7.1730



161.1810, -17.8372, 27.9053



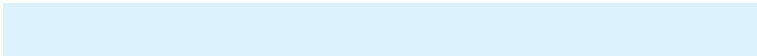
157.9130, -18.1981, 3.5843

Sweetspot

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



153.4370, 20.4906, -38.9712



236.5620, 7.6109, -14.5249



162.4460, -13.5309, -46.8721



117.6120, 5.1213, -9.3067



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.



153.4370, 20.4906, -38.9712



187.5790, 31.7596, -60.1438



128.7830, 32.6450, -17.3497



92.2490, 2.3422, -4.6034



82.9240, 38.4915, -72.7243



17.2630, 7.7583, -15.1397

Inverse Universe

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



141.4400, 13.0941, 46.9721



169.1410, 20.1435, 72.6673



175.2170, -32.6450, 17.3497



90.7880, 1.5835, 5.4479



60.6790, 24.3153, 87.9815



12.4890, 5.1819, 17.9881

Previews

White Background



This preview shows how the YUV color 153.4370, 20.4906, -38.9712 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 153.4370, 20.4906, -38.9712 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

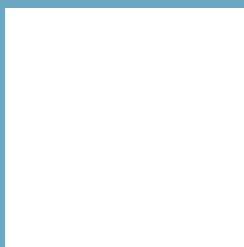
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.4370, 20.4906, -38.9712

Background



This preview shows how black text looks on a background with the YUV color 153.4370, 20.4906, -38.9712.



This preview shows how white text looks on a background with the YUV color 153.4370, 20.4906, -38.9712.

-38.9712.

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

153.4370, 20.4906, -38.9712

Protanopia

159.9250, 13.8410, -6.0732

Deuteranopia

160.7880, 18.3455, -4.1991



Tritanopia

152.4600, 15.5492, -40.7454

Trichromacy



Original Color

153.4370, 20.4906, -38.9712

Protanomaly

157.8310, 16.3523, -18.2688

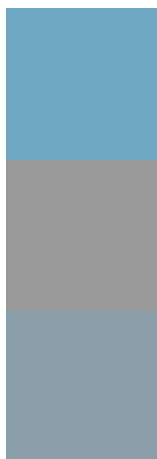
Deuteranomaly

157.9390, 19.2571, -16.6095

Tritanomaly

152.6280, 17.4384, -40.0158

Monochromacy



Original Color

153.4370, 20.4906, -38.9712

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8610, 7.4635, -13.9101

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.4370, 20.4906, -38.9712 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(109, 168, 195)` looks like.

```
.text, #text, p{  
    color:rgb(109, 168, 195)  
}
```

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(109, 168, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 168, 195) }
```

Border

The CSS property to change the border of an element to YUV 153.4370, 20.4906, -38.9712 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(109, 168, 195) }
```


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

```
.border{ border-color:rgb(109, 168, 195) }
```

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

Here you see how a box with a 4 pixel rgb(109, 168, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 168, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 168, 195);  
box-shadow:4px 4px 4px 4px rgb(109, 168,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 153.4370, 20.4906, -38.9712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 168, 195) }
```

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

```
.background{ background-color: rgb(109,  
168, 195) }
```

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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