

Converting Colors

YUV(152.4240, 6.6930,
-46.8528)

Have a look what the booklet for
YUV(152.4240, 6.6930, -46.8528)
contains.

YUV(152.4240, 6.6930, -46.8528)	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(152.4240, 6.6930,
-46.8528)**

Conversions

Conversions Part 1

Format	Color
Hex	63B1A6
RGB	99, 177, 166
RGB Percent	39%, 69%, 65%
CMY	0.6118, 0.3059, 0.3490
CMYK	0.44, 0.00, 0.06, 0.31
HSL	172°, 33%, 54%
HSV	172°, 44%, 69%
XYZ	27.7507, 36.8501, 41.7266
YIQ	152.4240, -42.9570, -19.9570

Conversions

Conversions Part 2

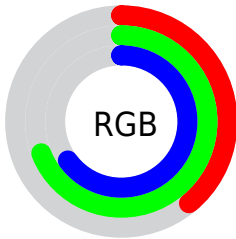
Format	Color
RYB	99, 141, 177
Decimal	6533542
CIELab	67.16, -26.77, -1.88
CIElCh	67, 26.831, 184.028
Yxy	36.8501, 0.2610, 0.3466
Android (android.graphics.Color)	4284723622 (0xFF63B1A6)
YUV	152.4240, 6.6930, -46.8528
Hunter-Lab	60.7043, -24.6321, 1.7386

Details

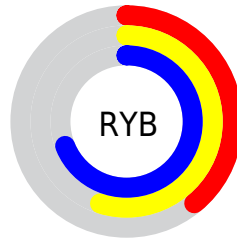
The YUV color **152.4240, 6.6930, -46.8528** is a light color, and the websafe version is hex **339999**. A complement of this color would be **123.5760, -6.6930, 46.8528**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0110, 6.4036, -47.3676**, and **98.6410, 7.5720, -48.7972** is the 20% darker color. If you saturate the color by 10%, you get **146.8140, 8.4727, -57.7189**, and if you desaturate by 10%, it is **158.0340, 4.9132, -35.9868**.

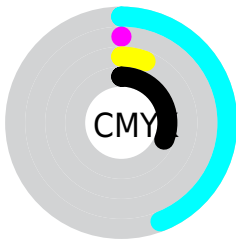
Distribution



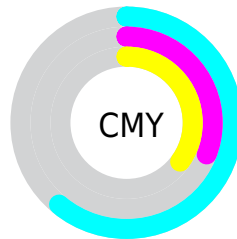
- Red (39%)
- Green (69%)
- Blue (65%)



- Red (39%)
- Yellow (55%)
- Blue (69%)



- Cyan (44%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)





- Cyan (61%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.4240, 6.6930, -46.8528 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 152.4240, 6.6930, -46.8528 by changing the saturation by 10% instead.


 152.4240, 6.6930,
-46.8528

 152.4240, 6.6930,
-46.8528


255.0000, 0.0000,
0.0000

 125.5380, 7.1298,
-46.9528


 208.0110, 6.4036,
-47.3676


 98.6410, 7.5720,
-48.7972


 232.6030, 8.5767,
-44.3788


 68.9710, 10.3673,
-58.7336

 241.8440, 6.4859,
-27.0502

 50.9620, 7.4137,
-44.6937

 250.5150, 2.2111,
-9.2217

 34.9530, 4.4602,
-30.6538

 21.5200, 1.2226,
-18.8730

 0.0000, 0.0000,

0.0000

■ 152.4240, 6.6930,
-46.8528

■ 152.4240, 6.6930,
-46.8528

■ 146.8140, 8.4727,
-57.7189

■ 158.0340, 4.9132,
-35.9868

■ 141.3890, 9.6682,
-67.8702

■ 163.4590, 3.7177,
-25.8355

■ 135.7790, 11.4480,
-78.7362

■ 169.0690, 1.9380,
-14.9695

■ 130.0550, 12.7909,
-89.5022

■ 174.7930, 0.5951,
-4.2035

■ 124.4450, 14.5706,
-100.3683

■ 180.4030, -1.1847,
6.6626

■ 121.2270, 15.1711,
-106.3161

■ 185.8280, -2.3802,
16.8138

■ 191.4380, -4.1599,
27.6799

■ 197.1620, -5.5029,
38.4459

■ 201.5760, -6.6930,
46.8528

Harmonies

Analogous

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



155.6900, -6.7492, -28.6691



152.4240, 6.6930, -46.8528



151.5830, 18.9396, -54.8853

Triad

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



152.4240, 6.6930, -46.8528



165.8430, 18.3184, 4.5227



164.2800, -21.3370, 30.4494

Complementary

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



152.4240, 6.6930, -46.8528



123.5760, -6.6930, 46.8528

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.



165.6970, -13.6546, 39.7307



152.4240, 6.6930, -46.8528



167.4560, 8.6492, 25.9101

Square

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



152.4240, 6.6930, -46.8528



162.1710, 24.0727, -21.1980



167.1450, -3.0295, 38.4608



162.0130, -23.1774, 14.0206

Rectangle

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



152.4240, 6.6930, -46.8528



153.5820, 23.8701, -49.6224



167.1450, -3.0295, 38.4608



164.4700, -19.4587, 34.6678

Sweetspot

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



152.4240, 6.6930, -46.8528



220.4600, 2.2382, -17.9434



148.3740, -24.3414, -32.7770



108.9770, 1.4903, -11.3808



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



152.4240, 6.6930, -46.8528



191.4700, 10.1213, -73.2032



137.8290, 19.3113, -34.0530



86.1950, 0.8899, -5.4330



104.7450, 12.9437, -91.8614



17.7700, 2.0854, -15.5843

Inverse Universe

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



123.5760, -6.6930, 46.8528



146.4160, -10.5581, 73.3032



138.1710, -19.3113, 34.0530



82.9190, -0.4531, 5.3330



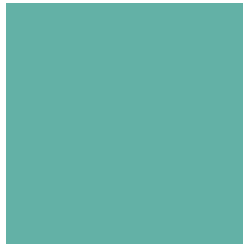
48.2550, -12.9437, 91.8614



8.2300, -2.0854, 15.5843

Previews

White Background



This preview shows how the YUV color 152.4240, 6.6930, -46.8528 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 152.4240, 6.6930, -46.8528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

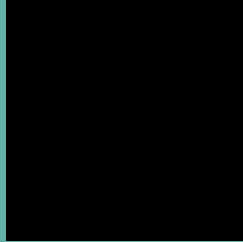
Any Text WCAG AA ✓ Pass

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 152.4240, 6.6930, -46.8528 Background



This preview shows how black text looks on a background with the YUV color 152.4240, 6.6930, -46.8528.



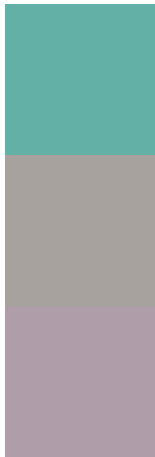
This preview shows how white text looks on a background with the YUV color 152.4240, 6.6930,

-46.8528.

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

152.4240, 6.6930, -46.8528

Protanopia

162.9250, -2.9210, 3.5738

Deuteranopia

164.4510, 2.7357, 9.2515



Tritanopia

154.9650, 16.2863, -43.8193

Trichromacy



Original Color

152.4240, 6.6930, -46.8528

Protanomaly

158.7270, 0.6276, -14.6696

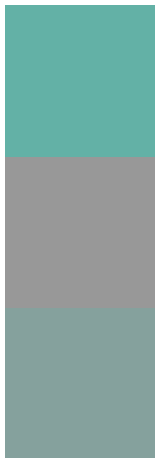
Deuteranomaly

160.0740, 4.4005, -11.4659

Tritanomaly

154.0420, 12.7973, -44.7638

Monochromacy



Original Color

152.4240, 6.6930, -46.8528

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1720, 2.3802, -16.8138

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.4240, 6.6930, -46.8528 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, 177, 166)` looks like.

```
.text, #text, p{  
    color:rgb(99, 177, 166)  
}
```

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, 177, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 177, 166) }
```

Border

The CSS property to change the border of an element to YUV 152.4240, 6.6930, -46.8528 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, 177, 166) }
```


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

```
.border{ border-color:rgb(99, 177, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 177, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 177, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 177, 166);  
box-shadow:4px 4px 4px 4px rgb(99, 177,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 152.4240, 6.6930, -46.8528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 177, 166) }
```

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

```
.background{ background-color: rgb(99, 177,  
166) }
```

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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