

Converting Colors

YUV(152.5580, -6.6841,
-49.6014)

Have a look what the booklet for
YUV(152.5580, -6.6841, -49.6014)
contains.

YUV(152.5580, -6.6841, -49.6014)	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(152.5580, -6.6841,
-49.6014)**

Conversions

Conversions Part 1

Format	Color
Hex	60B88B
RGB	96, 184, 139
RGB Percent	38%, 72%, 55%
CMY	0.6235, 0.2784, 0.4549
CMYK	0.48, 0.00, 0.24, 0.28
HSL	149°, 38%, 55%
HSV	149°, 48%, 72%
XYZ	26.6246, 38.6319, 30.4795
YIQ	152.5580, -38.0030, -32.6510

Conversions

Conversions Part 2

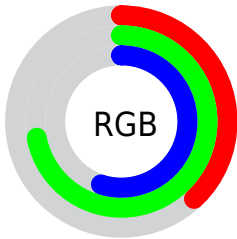
Format	Color
RYB	96, 155, 184
Decimal	6338699
CIELab	68.48, -37.00, 14.83
CIElCh	68, 39.862, 158.159
Yxy	38.6319, 0.2781, 0.4035
Android (android.graphics.Color)	4284528779 (0xFF60B88B)
YUV	152.5580, -6.6841, -49.6014
Hunter-Lab	62.1545, -32.3080, 14.4334

Details

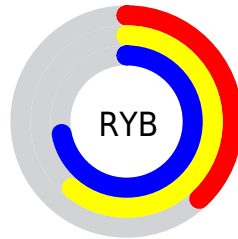
The YUV color **152.5580, -6.6841, -49.6014** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **127.4420, 6.6841, 49.6014**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6180, -7.6997, -50.5310**, and **98.1170, -4.4947, -51.8456** is the 20% darker color. If you saturate the color by 10%, you get **146.1500, -7.9619, -59.7675**, and if you desaturate by 10%, it is **158.9660, -5.4062, -39.4352**.

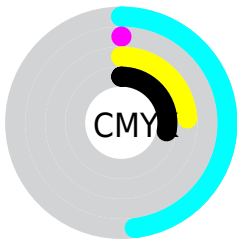
Distribution



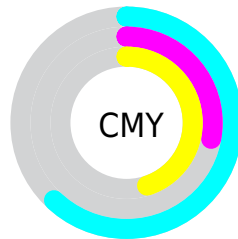
- Red (38%)
- Green (72%)
- Blue (55%)



- Red (38%)
- Yellow (61%)
- Blue (72%)



- Cyan (48%)
- Magenta (0%)
- Yellow (24%)
- Black (28%)



- Cyan (62%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.5580, -6.6841, -49.6014 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 152.5580, -6.6841, -49.6014 by changing the saturation by 10% instead.

■ 152.5580, -6.6841,
-49.6014

■ 152.5580, -6.6841,
-49.6014

255.0000, 0.0000,
0.0000

■ 125.3730, -6.0999,
-50.3161

■ 208.6180, -7.6997,
-50.5310

■ 98.1170, -4.4947,
-51.8456

■ 228.4000, -3.6482,
-43.3238

■ 69.0450, -1.9942,
-60.5525

■ 240.2630, 4.3073,
-28.2947

■ 51.8620, -4.3690,
-45.4830

■ 249.6180, 2.6533,
-11.0660

■ 35.3800, -6.5963,
-31.0283

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,

0.0000

■ 152.5580, -6.6841,
-49.6014

■ 152.5580, -6.6841,
-49.6014

■ 146.1500, -7.9619,
-59.7675

■ 158.9660, -5.4062,
-39.4352

■ 139.3290, -9.5292,
-70.4485

■ 165.7870, -3.8390,
-28.7542

■ 132.9210,
-10.8071, -80.6147

■ 172.1950, -2.5611,
-18.5880

■ 126.1000,
-12.3743, -91.2957

■ 179.0160, -0.9939,
-7.9070

■ 119.6920,
-13.6522, -101.4619

■ 185.4240, 0.2840,
2.2592

■ 118.2680,
-13.9361, -103.7210

■ 191.8320, 1.5618,
12.4253

■ 198.6530, 3.1291,
23.1063

■ 205.0610, 4.4069,
33.2725

■ 209.7890, 7.0060,
39.6500

Harmonies

Analogous

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



159.3700, -24.8324, -15.2335



152.5580, -6.6841, -49.6014



138.8140, 18.3327, -93.6759

Triad

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



152.5580, -6.6841, -49.6014



164.0310, 36.4667, -29.8452



168.0320, -21.7078, 56.0999

Complementary

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



152.5580, -6.6841, -49.6014



127.4420, 6.6841, 49.6014

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.



169.5820, -5.7099, 58.2486



152.5580, -6.6841, -49.6014



170.9500, 26.1537, 11.4449

Square

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



152.5580, -6.6841, -49.6014



148.3900, 41.7127, -79.2720



171.3640, 11.6525, 42.6538



166.4740, -32.2787, 39.9263

Rectangle

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



152.5580, -6.6841, -49.6014



131.3950, 33.8223, -115.2334



171.3640, 11.6525, 42.6538



168.7210, -16.6245, 59.0037

Sweetspot

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



152.5580, -6.6841, -49.6014



227.8960, -2.4137, -19.2028



161.1110, -32.0997, -17.6373



112.4670, -1.7092, -11.8106



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



152.5580, -6.6841, -49.6014



191.0570, -10.3811, -77.2260



157.5740, 12.5350, -54.0004



88.7390, -0.8573, -5.0331



100.2360, -11.9483, -87.9070



18.0320, -1.9878, -15.8141

Inverse Universe

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



127.4420, 6.6841, 49.6014



151.9430, 10.3811, 77.2260



122.4260, -12.5350, 54.0004



86.1470, 0.4205, 5.1331



55.7640, 11.9483, 87.9070



9.9680, 1.9878, 15.8141

Previews

White Background



This preview shows how the YUV color 152.5580, -6.6841, -49.6014 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 152.5580, -6.6841, -49.6014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

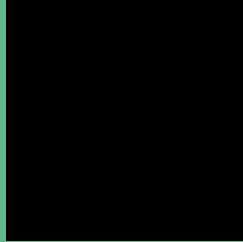
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.5580, -6.6841, -49.6014

Background



This preview shows how black text looks on a background with the YUV color 152.5580, -6.6841, -49.6014.

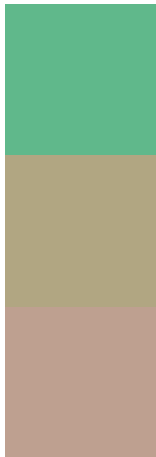


This preview shows how white text looks on a background with the YUV color 152.5580, -6.6841, -49.6014.

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

152.5580, -6.6841, -49.6014

Protanopia

165.1850, -17.3462, 10.3618

Deuteranopia

167.1460, -11.4110, 20.0430



Tritanopia

158.5630, 15.9914, -42.5898

Trichromacy



Original Color

152.5580, -6.6841, -49.6014



Protanomaly

160.9650, -13.7867, -11.3703



Deuteranomaly

162.0350, -9.8773, -5.2927



Tritanomaly

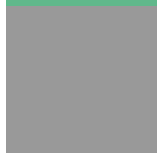
156.6630, 7.5611, -45.3085

Monochromacy



Original Color

152.5580, -6.6841, -49.6014



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

152.6080, -2.2717, -18.0732

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.5580, -6.6841, -49.6014 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, 184, 139)` looks like.

```
.text, #text, p{  
    color:rgb(96, 184, 139)  
}
```

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, 184, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 184, 139) }
```

Border

The CSS property to change the border of an element to YUV 152.5580, -6.6841, -49.6014 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, 184, 139) }
```


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

```
.border{ border-color:rgb(96, 184, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 184, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 184, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 184, 139);  
box-shadow:4px 4px 4px 4px rgb(96, 184,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 152.5580, -6.6841, -49.6014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 184, 139) }
```

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

```
.background{ background-color: rgb(96, 184,  
139) }
```

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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