

Converting Colors

YUV(151.8600, -51.2030,
43.0958)

Have a look what the booklet for
YUV(151.8600, -51.2030, 43.0958)
contains.

YUV(151.8600, -51.2030, 43.0958)	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(151.8600, -51.2030,
43.0958)**

Conversions

Conversions Part 1

Format	Color
Hex	C99330
RGB	201, 147, 48
RGB Percent	79%, 58%, 19%
CMY	0.2118, 0.4235, 0.8118
CMYK	0.00, 0.27, 0.76, 0.21
HSL	39°, 61%, 49%
HSV	39°, 76%, 79%
XYZ	35.0546, 33.4983, 7.4146
YIQ	151.8600, 63.9630, -19.3410

Conversions

Conversions Part 2

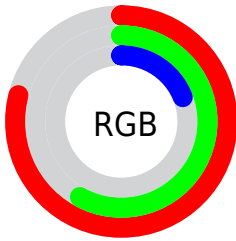
Format	Color
RYB	131, 201, 48
Decimal	13210416
CIELab	64.56, 11.32, 57.23
CIElCh	65, 58.337, 78.814
Yxy	33.4983, 0.4614, 0.4410
Android (android.graphics.Color)	4291400496 (0xFFC99330)
YUV	151.8600, -51.2030, 43.0958
Hunter-Lab	57.8778, 6.8254, 32.9190

Details

The YUV color **151.8600, -51.2030, 43.0958** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **97.1400, 51.2030, -43.0958**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.7460, -51.6398, 43.1958**, and **99.3970, -49.0027, 37.3628** is the 20% darker color. If you saturate the color by 10%, you get **145.4710, -57.9132, 48.6989**, and if you desaturate by 10%, it is **158.2490, -44.4928, 37.4926**.

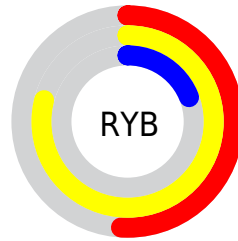
Distribution



Red (79%)

Green (58%)

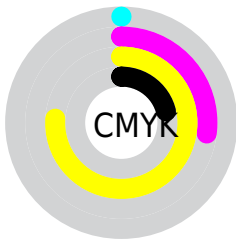
Blue (19%)



Red (51%)

Yellow (79%)

Blue (19%)

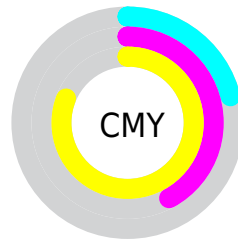


Cyan (0%)

Magenta (27%)

Yellow (76%)

Black (21%)



Cyan (21%)

Magenta (42%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.8600, -51.2030, 43.0958 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 151.8600, -51.2030, 43.0958 by changing the saturation by 10% instead.

■ 151.8600,
-51.2030, 43.0958

■ 151.8600,
-51.2030, 43.0958

■ 255.0000, 0.0000,
0.0000

■ 124.2080,
-52.3605, 41.0366

■ 205.7460,
-51.6398, 43.1958

■ 99.3970, -49.0027,
37.3628

■ 225.1460,
-48.3860, 26.1820

■ 76.9370, -37.9299,
32.5043

■ 243.6000,
-43.6798, 9.9978

■ 55.6510, -27.4359,
26.6161

■ 246.6780,
-31.8863, 7.2984

■ 35.2510, -17.3787,
20.8279

■ 249.9840,
-19.2191, 4.3990

■ 14.5740, -7.1850,
17.9136

■ 253.2900, -6.5520,

■ 0.0000, 0.0000,

1.4997

0.0000

■ 151.8600,
-51.2030, 43.0958

■ 151.8600,
-51.2030, 43.0958

■ 145.4710,
-57.9132, 48.6989

■ 158.2490,
-44.4928, 37.4926

■ 139.0820,
-64.6234, 54.3021

■ 164.6380,
-37.7825, 31.8895

■ 136.4090,
-67.2496, 56.6463

■ 171.0270,
-31.0723, 26.2863

■ 177.4160,
-24.3621, 20.6832

■ 183.9190,
-17.2151, 14.9800

■ 190.8950,
-10.7942, 8.8621

■ 197.2840, -4.0840,
3.2589

■ 203.6730, 2.6262,
-2.3442

■ 210.0620, 9.3364,
-7.9474

Harmonies

Analogous

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



154.2330, -36.5969, 71.7097



151.8600, -51.2030, 43.0958



147.6010, -48.6103, 4.7349

Triad

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



151.8600, -51.2030, 43.0958



128.3800, 29.8857, -112.5893



161.5860, 31.7561, 34.5661

Complementary

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



151.8600, -51.2030, 43.0958



97.1400, 51.2030, -43.0958

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.



154.4840, 49.5544, -27.6115



151.8600, -51.2030, 43.0958



131.1620, 50.6991, -115.0291

Square

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



151.8600, -51.2030, 43.0958



121.6370, 6.5880, -106.6756



127.6860, 62.7658, -111.9806



157.8070, 9.9551, 73.8373

Rectangle

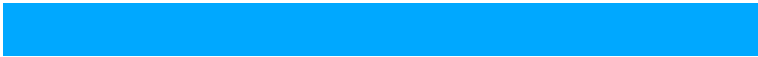
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



151.8600, -51.2030, 43.0958



143.0300, -36.0038, -25.4593



127.6860, 62.7658, -111.9806



160.4850, 38.2149, 16.2377

Sweetspot

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



151.8600, -51.2030, 43.0958



235.9470, -19.6939, 16.7095



100.1310, 1.9074, 88.4621



116.2650, -11.9626, 10.2916



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.



151.8600, -51.2030, 43.0958



180.4180, -77.6071, 65.4084



177.5780, -63.8820, 3.0011



96.2130, -3.0630, 2.4442



110.9590, -54.7028, 45.6400



24.2650, -11.9626, 10.2916

Inverse Universe

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



97.1400, 51.2030, -43.0958



97.5820, 77.6071, -65.4084



71.4220, 63.8820, -3.0011



92.7870, 3.0630, -2.4442



52.6280, 54.4134, -46.1548



11.7350, 11.9626, -10.2916

Previews

White Background



This preview shows how the YUV color 151.8600, -51.2030, 43.0958 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 151.8600, -51.2030, 43.0958 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 151.8600, -51.2030, 43.0958

Background



This preview shows how black text looks on a background with the YUV color 151.8600, -51.2030, 43.0958.



This preview shows how white text looks on a background with the YUV color 151.8600, -51.2030,

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

151.8600, -51.2030, 43.0958

Protanopia

150.5970, -49.1013, 22.2784

Deuteranopia

151.7240, -51.6289, 39.7071



Tritanopia

159.1840, -5.5137, 41.9346

Trichromacy



Original Color

151.8600, -51.2030, 43.0958

Protanomaly

150.8260, -49.7072, 29.9706

Deuteranomaly

151.4360, -51.4869, 40.8366

Tritanomaly

156.8300, -22.1012, 42.2451

Monochromacy



Original Color

151.8600, -51.2030, 43.0958

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.8760, -18.6729, 15.8947

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.8600, -51.2030, 43.0958 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(201, 147, 48)` looks like.

```
.text, #text, p{  
    color:rgb(201, 147, 48)  
}
```

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(201, 147, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 147, 48) }
```

Border

The CSS property to change the border of an element to YUV 151.8600, -51.2030, 43.0958 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(201, 147, 48) }
```


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

```
.border{ border-color:rgb(201, 147, 48) }
```

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

Here you see how a box with a 4 pixel rgb(201, 147, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 147, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 147, 48);  
box-shadow:4px 4px 4px 4px rgb(201, 147,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 151.8600, -51.2030, 43.0958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 147, 48) }
```

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

```
.background{ background-color: rgb(201,  
147, 48) }
```

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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