

Converting Colors

YUV(119.8990, -33.4742,
50.0776)

Have a look what the booklet for
YUV(119.8990, -33.4742, 50.0776)
contains.

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Color

**YUV(119.8990, -33.4742,
50.0776)**

Conversions

Conversions Part 1

Format	Color
Hex	B16834
RGB	177, 104, 52
RGB Percent	69%, 41%, 20%
CMY	0.3059, 0.5922, 0.7961
CMYK	0.00, 0.41, 0.71, 0.31
HSL	25°, 55%, 45%
HSV	25°, 71%, 69%
XYZ	23.7016, 19.4957, 5.7626
YIQ	119.8990, 60.2000, -0.6960

Conversions

Conversions Part 2

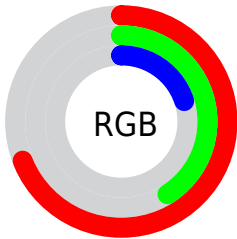
Format	Color
R_{YB}	177, 141, 52
Decimal	11626548
CIE Lab	51.26, 24.79, 40.88
CIE LCh	51, 47.809, 58.765
Yxy	19.4957, 0.4841, 0.3982
Android (android.graphics.Color)	4289816628 (0xFFB16834)
YUV	119.8990, -33.4742, 50.0776
Hunter-Lab	44.1539, 18.5486, 23.1696

Details

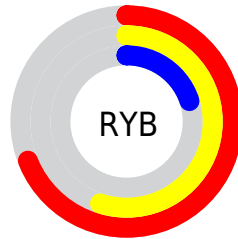
The YUV color **119.8990, -33.4742, 50.0776** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **109.1010, 33.4742, -50.0776**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9490, -35.9639, 55.2957**, and **68.7950, -32.4369, 44.0298** is the 20% darker color. If you saturate the color by 10%, you get **111.9770, -38.4427, 57.0252**, and if you desaturate by 10%, it is **127.8210, -28.5058, 43.1300**.

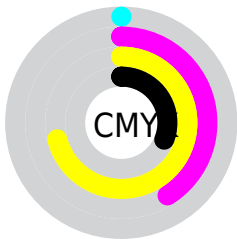
Distribution



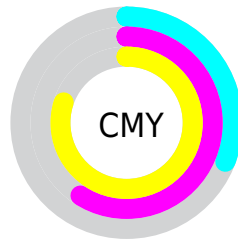
- Red (69%)
- Green (41%)
- Blue (20%)



- Red (69%)
- Yellow (55%)
- Blue (20%)



- Cyan (0%)
- Magenta (41%)
- Yellow (71%)
- Black (31%)



- Cyan (31%)
- Magenta (59%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.8990, -33.4742, 50.0776 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 119.8990, -33.4742, 50.0776 by changing the saturation by 10% instead.


 119.8990,
-33.4742, 50.0776

 119.8990,
-33.4742, 50.0776


255.0000, 0.0000,
0.0000


 93.8170, -32.4478,
47.5185


 173.9490,
-35.9639, 55.2957


 68.7950, -32.4369,
44.0298


 198.0300,
-35.5108, 49.9627

 46.8790, -23.1113,
39.5711

 217.5440,
-31.8202, 32.8489

 25.0060, -12.3280,
34.1977

 237.0580,
-28.1296, 15.7351

 12.2590, -6.0437,
25.2059

 249.6420,
-20.5295, 4.6990

 0.0000, 0.0000,
0.0000

 252.8340, -8.2992,

1.8996

■ 119.8990,
-33.4742, 50.0776

■ 119.8990,
-33.4742, 50.0776

■ 111.9770,
-38.4427, 57.0252

■ 127.8210,
-28.5058, 43.1300

■ 103.5820,
-42.6849, 64.3876

■ 136.2160,
-24.2635, 35.7676

■ 96.3610, -47.5060,
70.7204

■ 144.1380,
-19.2950, 28.8200

■ 152.0600,
-14.3266, 21.8724

■ 160.4550,
-10.0843, 14.5100

■ 168.3770, -5.1159,
7.5624

■ 176.2990, -0.1474,
0.6148

■ 184.8080, 4.5317,
-6.8476

■ 192.6160, 9.0633,
-13.6952

Harmonies

Analogous

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



120.2380, -17.3723, 65.5663



119.8990, -33.4742, 50.0776



117.3830, -41.1078, 25.0971

Triad

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



119.8990, -33.4742, 50.0776



96.9200, 10.8854, -84.9988



123.7400, 34.6382, -3.2800

Complementary

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



119.8990, -33.4742, 50.0776



109.1010, 33.4742, -50.0776

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.



97.8050, 52.3541, -85.7750



119.8990, -33.4742, 50.0776



101.5940, 28.7942, -89.0979

Square

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



119.8990, -33.4742, 50.0776



104.8370, -13.2306, -49.8460



102.1930, 43.7819, -89.6233



125.4050, 19.5203, 39.1098

Rectangle

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



119.8990, -33.4742, 50.0776



115.4620, -37.6958, 3.9798



102.1930, 43.7819, -89.6233



120.7700, 39.0604, -21.7233

Sweetspot

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



119.8990, -33.4742, 50.0776



207.3910, -13.0108, 19.8281



97.9250, 14.3340, 69.3488



101.7150, -7.7475, 11.6509



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.



119.8990, -33.4742, 50.0776



140.7380, -52.6218, 78.2828



155.1190, -50.8377, 19.1896



85.0390, -2.4842, 3.4738



83.3150, -41.0743, 61.1137



14.2310, -7.0159, 10.3214

Inverse Universe

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



109.1010, 33.4742, -50.0776



123.2620, 52.6218, -78.2828



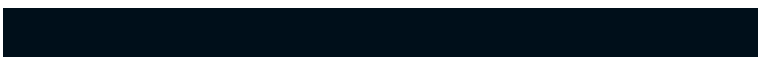
73.2940, 51.1271, -18.6748



84.5480, 2.1948, -3.9886



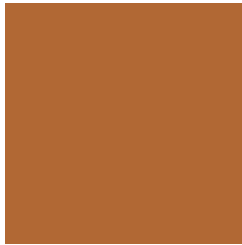
69.6850, 41.0743, -61.1137



11.7690, 7.0159, -10.3214

Previews

White Background



This preview shows how the YUV color 119.8990, -33.4742, 50.0776 looks on a white background.

Color Contrast Check

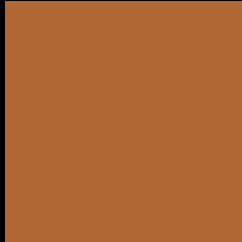
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.8990, -33.4742, 50.0776 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 × Fail

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

YUV 119.8990, -33.4742, 50.0776

Background



This preview shows how black text looks on a background with the YUV color 119.8990, -33.4742, 50.0776.



This preview shows how white text looks on a background with the YUV color 119.8990, -33.4742, 50.0776.

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

119.8990, -33.4742, 50.0776

Protanopia

119.4770, -30.3082, 14.4907

Deuteranopia

120.0120, -35.0089, 28.9305



Tritanopia

123.3160, -9.0298, 49.7119

Trichromacy



Original Color

119.8990, -33.4742, 50.0776

Protanomaly

119.6250, -31.3671, 27.5159

Deuteranomaly

119.8820, -34.4518, 36.9375

Tritanomaly

122.0250, -17.7603, 49.9671

Monochromacy



Original Color

119.8990, -33.4742, 50.0776

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9070, -12.2792, 18.4986

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8990, -33.4742, 50.0776 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(177, 104, 52)` looks like.

```
.text, #text, p{  
    color:rgb(177, 104, 52)  
}
```

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(177, 104, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 104, 52) }
```

Border

The CSS property to change the border of an element to YUV 119.8990, -33.4742, 50.0776 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(177, 104, 52) }
```


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

```
.border{ border-color:rgb(177, 104, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 104, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 104, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 104, 52);  
box-shadow:4px 4px 4px 4px rgb(177, 104,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 119.8990, -33.4742, 50.0776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 104, 52) }
```

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

```
.background{ background-color: rgb(177,  
104, 52) }
```

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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