

Converting Colors

YUV(133.6190, -45.6612,
38.9221)

Have a look what the booklet for
YUV(133.6190, -45.6612, 38.9221)
contains.

YUV(133.6190, -45.6612, 38.9221)	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(133.6190, -45.6612,
38.9221)**

Conversions

Conversions Part 1

Format	Color
Hex	B28129
RGB	178, 129, 41
RGB Percent	70%, 51%, 16%
CMY	0.3020, 0.4941, 0.8392
CMYK	0.00, 0.28, 0.77, 0.30
HSL	39°, 63%, 43%
HSV	39°, 77%, 70%
XYZ	26.6106, 25.3256, 5.5836
YIQ	133.6190, 57.4520, -16.9800

Conversions

Conversions Part 2

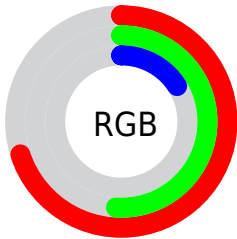
Format	Color
R_{YB}	117, 178, 41
Decimal	11698473
CIE _{Lab}	57.39, 10.75, 52.23
CIE _{LCh}	57, 53.328, 78.366
Yxy	25.3256, 0.4626, 0.4403
Android (android.graphics.Color)	4289888553 (0xFFB28129)
YUV	133.6190, -45.6612, 38.9221
Hunter-Lab	50.3245, 6.3192, 28.6488

Details

The YUV color **133.6190, -45.6612, 38.9221** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **85.3810, 45.6612, -38.9221**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.2990, -46.9824, 42.7108**, and **83.1390, -40.9875, 33.2041** is the 20% darker color. If you saturate the color by 10%, you get **128.0450, -51.7872, 43.8105**, and if you desaturate by 10%, it is **139.1930, -39.5351, 34.0337**.

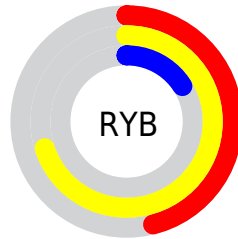
Distribution



Red (70%)

Green (51%)

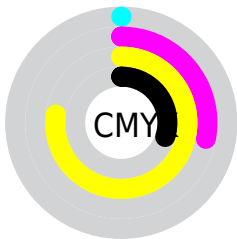
Blue (16%)



Red (46%)

Yellow (70%)

Blue (16%)

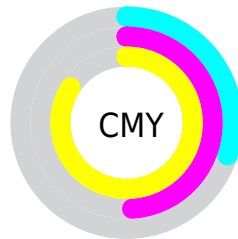


Cyan (0%)

Magenta (28%)

Yellow (77%)

Black (30%)



Cyan (30%)

Magenta (49%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.6190, -45.6612, 38.9221 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 133.6190, -45.6612, 38.9221 by changing the saturation by 10% instead.

■ 133.6190,
-45.6612, 38.9221

■ 133.6190,
-45.6612, 38.9221

■ 255.0000, 0.0000,
0.0000

■ 106.7390,
-47.6923, 37.0629

■ 188.2990,
-46.9824, 42.7108

■ 83.1390, -40.9875,
33.2041

■ 212.4940,
-46.0925, 37.2778

■ 61.2660, -30.2041,
27.8307

■ 232.0080,
-42.4019, 20.1640

■ 40.8660, -20.1469,
22.0425

■ 245.6520,
-35.8174, 8.1982

■ 21.3520, -10.5265,
16.3543

■ 248.8440,
-23.5871, 5.3988

■ 0.0000, 0.0000,
0.0000

■ 252.0360,

-11.3567, 2.5994

■ 133.6190,
-45.6612, 38.9221

■ 133.6190,
-45.6612, 38.9221

■ 128.0450,
-51.7872, 43.8105

■ 139.1930,
-39.5351, 34.0337

■ 121.8840,
-57.6238, 49.2137

■ 145.3540,
-33.6985, 28.6305

■ 120.1400,
-59.2290, 50.7432

■ 150.8140,
-28.0093, 23.8421

■ 156.3880,
-21.8833, 18.9537

■ 162.5490,
-16.0467, 13.5505

■ 168.1230, -9.9206,
8.6621

■ 174.2840, -4.0840,
3.2589

■ 179.7440, 1.6052,
-1.5295

■ 185.3180, 7.7312,
-6.4179

Harmonies

Analogous

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



135.6280, -32.3546, 64.3472



133.6190, -45.6612, 38.9221



129.6810, -43.2267, 4.6648

Triad

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



133.6190, -45.6612, 38.9221



112.8440, 26.2059, -98.9642



141.7550, 28.7148, 30.0329

Complementary

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



133.6190, -45.6612, 38.9221



85.3810, 45.6612, -38.9221

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.



135.5290, 44.6022, -25.8969



133.6190, -45.6612, 38.9221



115.6430, 44.5460, -101.4189

Square

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



133.6190, -45.6612, 38.9221



106.6710, 5.0922, -93.5505



112.9820, 57.1969, -99.0852



138.6380, 9.5455, 65.2155

Rectangle

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



133.6190, -45.6612, 38.9221



125.6760, -32.3783, -21.6409



112.9820, 57.1969, -99.0852



141.4370, 34.2946, 13.6488

Sweetspot

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



133.6190, -45.6612, 38.9221



214.8050, -17.6519, 15.0800



87.6630, 1.6451, 79.2255



106.7810, -11.2310, 8.9621



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



133.6190, -45.6612, 38.9221



163.1060, -71.0443, 60.4200



157.0000, -57.1880, 2.6310



86.2130, -3.0630, 2.4442



103.2730, -50.9136, 43.6106



17.1660, -8.4628, 7.7474

Inverse Universe

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



85.3810, 45.6612, -38.9221



87.8940, 71.0443, -60.4200



62.0000, 57.1880, -2.6310



83.3740, 2.7736, -2.9590



49.7270, 50.9136, -43.6106



8.2470, 8.7522, -7.2326

Previews

White Background



This preview shows how the YUV color 133.6190, -45.6612, 38.9221 looks on a white background.

Color Contrast Check

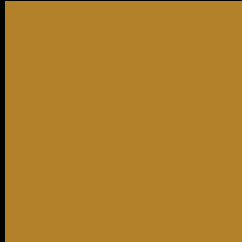
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.6190, -45.6612, 38.9221 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 133.6190, -45.6612, 38.9221

Background



This preview shows how black text looks on a background with the YUV color 133.6190, -45.6612, 38.9221.



This preview shows how white text looks on a background with the YUV color 133.6190, -45.6612, 38.9221.

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

133.6190, -45.6612, 38.9221

Protanopia

132.2530, -44.0017, 19.9491

Deuteranopia

133.1840, -45.9397, 34.9186



Tritanopia

140.8630, -5.3555, 37.8311

Trichromacy



Original Color

133.6190, -45.6612, 38.9221

Protanomaly

132.7700, -44.7496, 26.5117

Deuteranomaly

133.1950, -45.9451, 36.6630

Tritanomaly

138.3780, -19.9064, 38.2565

Monochromacy



Original Color

133.6190, -45.6612, 38.9221

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.7340, -16.6309, 14.2653

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6190, -45.6612, 38.9221 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(178, 129, 41)` looks like.

```
.text, #text, p{  
    color:rgb(178, 129, 41)  
}
```

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(178, 129, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 129, 41) }
```

Border

The CSS property to change the border of an element to YUV 133.6190, -45.6612, 38.9221 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(178, 129, 41) }
```


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

```
.border{ border-color:rgb(178, 129, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 129, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 129, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 129, 41);  
box-shadow:4px 4px 4px 4px rgb(178, 129,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 133.6190, -45.6612, 38.9221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 129, 41) }
```

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

```
.background{ background-color: rgb(178,  
129, 41) }
```

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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