

Converting Colors

YUV(133.4650, 38.2248,
-33.7338)

Have a look what the booklet for
YUV(133.4650, 38.2248, -33.7338)
contains.

YUV(133.4650, 38.2248, -33.7338)	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(133.4650, 38.2248,
-33.7338)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8AD3
RGB	95, 138, 211
RGB Percent	37%, 54%, 83%
CMY	0.6275, 0.4588, 0.1725
CMYK	0.55, 0.35, 0.00, 0.17
HSL	218°, 57%, 60%
HSV	218°, 55%, 83%
XYZ	25.5657, 25.3130, 65.1665
YIQ	133.4650, -49.0610, 13.5870

Conversions

Conversions Part 2

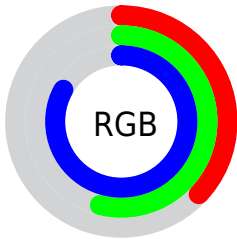
Format	Color
R_{YB}	95, 126, 211
Decimal	6261459
CIE _{Lab}	57.38, 6.47, -42.03
CIE _{LCh}	57, 42.525, 278.749
Yxy	25.3130, 0.2203, 0.2181
Android (android.graphics.Color)	4284451539 (0xFF5F8AD3)
YUV	133.4650, 38.2248, -33.7338
Hunter-Lab	50.3120, 2.6573, -41.5767

Details

The YUV color **133.4650, 38.2248, -33.7338** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **172.5350, -38.2248, 33.7338**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.6350, 33.7039, -30.3749**, and **78.9970, 37.9625, -42.9704** is the 20% darker color. If you saturate the color by 10%, you get **119.5550, 45.0824, -39.9517**, and if you desaturate by 10%, it is **147.3750, 31.3671, -27.5159**.

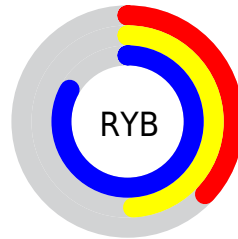
Distribution



Red (37%)

Green (54%)

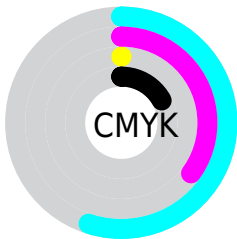
Blue (83%)



Red (37%)

Yellow (49%)

Blue (83%)

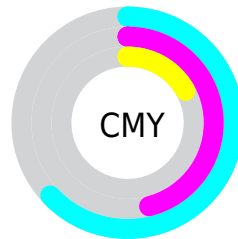


Cyan (55%)

Magenta (35%)

Yellow (0%)

Black (17%)



Cyan (63%)

Magenta (46%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.4650, 38.2248, -33.7338 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 133.4650, 38.2248, -33.7338 by changing the saturation by 10% instead.

■ 133.4650, 38.2248,
-33.7338

■ 133.4650, 38.2248,
-33.7338

255.0000, 0.0000,
0.0000

■ 106.6280, 37.6514,
-36.5078

■ 186.6350, 33.7039,
-30.3749

■ 78.9970, 37.9625,
-42.9704

■ 211.7420, 21.3262,
-26.9607

■ 53.5620, 37.6839,
-46.9739

■ 236.8490, 8.9484,
-23.5466

■ 37.6840, 32.6938,
-33.0489

■ 250.5150, 2.2111,
-9.2217

■ 23.0940, 27.5617,
-20.2534

■ 9.3190, 23.0137,
-8.1728

■ 5.0500, 14.2723,

-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 133.4650, 38.2248,
-33.7338

■ 133.4650, 38.2248,
-33.7338

■ 119.5550, 45.0824,
-39.9517

■ 147.3750, 31.3671,
-27.5159

■ 105.0580, 52.2294,
-45.6549

■ 161.8720, 24.2201,
-21.8127

■ 91.1480, 59.0870,
-51.8728

■ 175.7820, 17.3625,
-15.5948

■ 77.2380, 65.9447,
-58.0907

■ 189.6920, 10.5048,
-9.3769

■ 69.8400, 69.5919,
-61.2497

■ 203.9010, 3.4998,
-2.5442

■ 218.3980, -3.6472,
3.1590

■ 232.3080,
-10.5048, 9.3769

■ 243.5270,
-16.0358, 10.0618

■ 249.9840,
-19.2191, 4.3990

Harmonies

Analogous

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



110.9470, 46.8611, -97.3005



133.4650, 38.2248, -33.7338



141.4770, 26.8798, 11.8597

Triad

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



133.4650, 38.2248, -33.7338



137.6300, -22.0026, 57.3295



120.2690, -5.0626, -56.3639

Complementary

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



133.4650, 38.2248, -33.7338



172.5350, -38.2248, 33.7338

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.



129.2450, -25.2638, -16.8779



133.4650, 38.2248, -33.7338



136.1320, -33.5891, 40.2262

Square

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



133.4650, 38.2248, -33.7338



139.2940, -5.5679, 59.3782



133.5110, -35.2549, 14.4609



109.0310, 19.2117, -95.6202

Rectangle

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



133.4650, 38.2248, -33.7338



142.1010, 17.2052, 34.9914



133.5110, -35.2549, 14.4609



124.0060, -12.8210, -41.2243

Sweetspot

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



133.4650, 38.2248, -33.7338



227.4790, 13.5679, -11.8211



171.3000, -2.1199, -66.9151



111.1330, 8.3154, -7.1326



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.



133.4650, 38.2248, -33.7338



142.5460, 55.4398, -48.7138



112.4100, 48.6049, -2.9906



97.6020, 3.6472, -3.1590



55.5460, 55.4398, -48.7138



13.4790, 13.5679, -11.8211

Inverse Universe

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



134.5860, 1.6831, 67.0151



144.3000, 2.3171, 97.0839



193.5900, -48.6049, 2.9906



97.7450, 0.1257, 6.3626



57.3000, 2.3171, 97.0839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 133.4650, 38.2248, -33.7338 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 133.4650, 38.2248, -33.7338 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 133.4650, 38.2248, -33.7338

Background



This preview shows how black text looks on a background with the YUV color 133.4650, 38.2248, -33.7338.

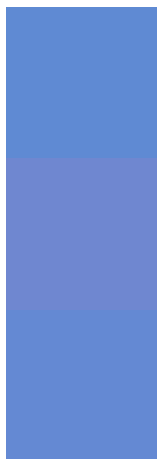


This preview shows how white text looks on a background with the YUV color 133.4650, 38.2248, -33.7338.

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

133.4650, 38.2248, -33.7338

Protanopia

136.1460, 35.4240, -22.0530

Deuteranopia

134.3730, 37.7771, -30.1451



Tritanopia

127.8400, 15.8549, -45.4637

Trichromacy



Original Color

133.4650, 38.2248, -33.7338

Protanomaly

135.0530, 36.4559, -26.3565

Deuteranomaly

133.7750, 38.0719, -31.3747

Tritanomaly

129.7510, 24.2798, -41.0006

Monochromacy



Original Color

133.4650, 38.2248, -33.7338

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1800, 13.7153, -12.4359

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4650, 38.2248, -33.7338 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(95, 138, 211)` looks like.

```
.text, #text, p{  
    color:rgb(95, 138, 211)  
}
```

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(95, 138, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 138, 211) }
```

Border

The CSS property to change the border of an element to YUV 133.4650, 38.2248, -33.7338 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(95, 138, 211) }
```


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

```
.border{ border-color:rgb(95, 138, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 138, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 138, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 138, 211);  
box-shadow:4px 4px 4px 4px rgb(95, 138,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 133.4650, 38.2248, -33.7338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 138, 211) }
```

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

```
.background{ background-color: rgb(95, 138,  
211) }
```

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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