

Converting Colors

YUV(125.8450, 38.5304,
-38.4521)

Have a look what the booklet for
YUV(125.8450, 38.5304, -38.4521)
contains.

YUV(125.8450, 38.5304, -38.4521)	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(125.8450, 38.5304,
-38.4521)**

Conversions

Conversions Part 1

Format	Color
Hex	5285CC
RGB	82, 133, 204
RGB Percent	32%, 52%, 80%
CMY	0.6784, 0.4784, 0.2000
CMYK	0.60, 0.35, 0.00, 0.20
HSL	215°, 54%, 56%
HSV	215°, 60%, 80%
XYZ	22.7663, 22.9285, 60.3525
YIQ	125.8450, -53.1870, 11.2690

Conversions

Conversions Part 2

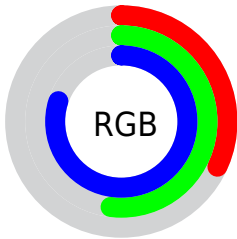
Format	Color
R _Y B	82, 118, 204
Decimal	5408204
CIE Lab	55.00, 4.49, -41.88
CIE LCh	55, 42.118, 276.120
Yxy	22.9285, 0.2147, 0.2162
Android (android.graphics.Color)	4283598284 (0xFF5285CC)
YUV	125.8450, 38.5304, -38.4521
Hunter-Lab	47.8837, 1.0711, -41.2103

Details

The YUV color **125.8450, 38.5304, -38.4521** 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 **160.1550, -38.5304, 38.4521**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1120, 36.9198, -35.1782**, and **66.2940, 40.7741, -58.1398** is the 20% darker color. If you saturate the color by 10%, you get **112.8210, 44.9512, -44.5700**, and if you desaturate by 10%, it is **138.8690, 32.1096, -32.3341**.

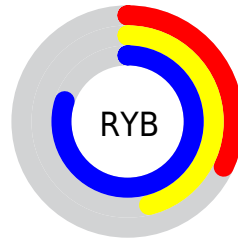
Distribution



Red (32%)

Green (52%)

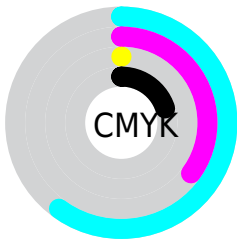
Blue (80%)



Red (32%)

Yellow (46%)

Blue (80%)

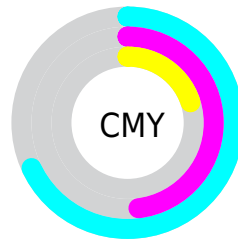


Cyan (60%)

Magenta (35%)

Yellow (0%)

Black (20%)



Cyan (68%)

Magenta (48%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.8450, 38.5304, -38.4521 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 125.8450, 38.5304, -38.4521 by changing the saturation by 10% instead.

■ 125.8450, 38.5304,
-38.4521

■ 125.8450, 38.5304,
-38.4521

255.0000, 0.0000,
0.0000

■ 98.4100, 38.2519,
-42.4556

■ 180.1120, 36.9198,
-35.1782

■ 66.2940, 40.7741,
-58.1398

■ 204.6320, 24.8314,
-31.2493

■ 49.8290, 36.0733,
-43.7000

■ 230.3260, 12.1643,
-28.3499

■ 34.6520, 31.2306,
-30.3898

■ 246.9270, 3.9800,
-16.5990

■ 20.1760, 26.5352,
-17.6944

■ 8.0480, 20.6823,
-7.0581

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 125.8450, 38.5304,
-38.4521

■ 125.8450, 38.5304,
-38.4521

■ 112.8210, 44.9512,
-44.5700

■ 138.8690, 32.1096,
-32.3341

■ 99.4980, 51.5195,
-51.3027

■ 152.1920, 25.5413,
-25.6014

■ 86.4740, 57.9403,
-57.4207

■ 165.2160, 19.1205,
-19.4834

■ 73.7380, 64.2192,
-64.6682

■ 177.9520, 12.8417,
-12.2359

■ 73.1510, 64.5086,
-64.1534

■ 190.9760, 6.4208,
-6.1180

■ 204.0000, 0.0000,
0.0000

■ 217.3230, -6.5682,
6.7327

■ 230.3470,
-12.9891, 12.8507

■ 240.3810,
-17.9358, 12.8209

Harmonies

Analogous

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



106.5130, 45.1031, -93.4119



125.8450, 38.5304, -38.4521



134.6830, 27.7643, 8.1710

Triad

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



125.8450, 38.5304, -38.4521



131.7870, -20.1080, 56.3148



115.1340, -6.9681, -51.8605

Complementary

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



125.8450, 38.5304, -38.4521



160.1550, -38.5304, 38.4521

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.



123.6260, -26.4376, -13.7040



125.8450, 38.5304, -38.4521



130.1860, -32.1367, 41.0559

Square

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



125.8450, 38.5304, -38.4521



133.1520, -3.5259, 57.7487



127.5220, -35.2603, 16.2052



103.7820, 16.8695, -91.0168

Rectangle

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



125.8450, 38.5304, -38.4521



135.7200, 18.3790, 31.8176



127.5220, -35.2603, 16.2052



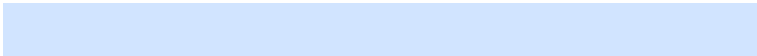
118.5720, -14.5790, -37.3356

Sweetspot

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



125.8450, 38.5304, -38.4521



225.3970, 14.5943, -14.3802



161.4800, -5.1666, -69.7040



109.3500, 9.1945, -9.0769



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.



125.8450, 38.5304, -38.4521



137.1750, 58.0877, -58.0355



98.3000, 52.1101, -7.2791



95.4880, 3.2104, -3.0590



59.4270, 52.5405, -52.1175



13.7240, 11.9681, -12.0359

Inverse Universe

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



124.2920, 4.2930, 69.9039



134.7940, 6.5106, 105.4207



187.7000, -52.1101, 7.2791



95.4460, 0.2731, 5.7479



57.5000, 5.6695, 95.1545



13.1860, 1.3873, 21.7619

Previews

White Background



This preview shows how the YUV color 125.8450, 38.5304, -38.4521 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 125.8450, 38.5304, -38.4521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

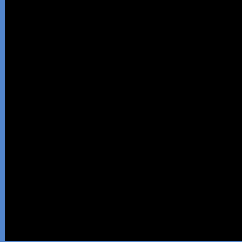
Any Text WCAG AA ✓ Pass

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 125.8450, 38.5304, -38.4521 Background



This preview shows how black text looks on a background with the YUV color 125.8450, 38.5304, -38.4521.

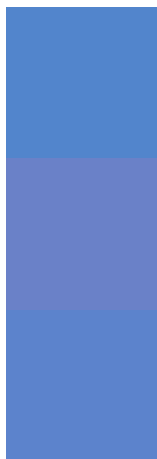


This preview shows how white text looks on a background with the YUV color 125.8450, 38.5304, -38.4521.

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

125.8450, 38.5304, -38.4521

Protanopia

130.2170, 34.4030, -21.2383

Deuteranopia

127.6610, 37.6351, -31.2747



Tritanopia

119.5510, 17.4764, -52.2262

Trichromacy



Original Color

125.8450, 38.5304, -38.4521

Protanomaly

128.2270, 35.8771, -27.3861

Deuteranomaly

127.0520, 37.9354, -34.2486

Tritanomaly

121.6470, 25.3170, -47.0484

Monochromacy



Original Color

125.8450, 38.5304, -38.4521

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1690, 13.7207, -14.1802

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.8450, 38.5304, -38.4521 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(82, 133, 204)` looks like.

```
.text, #text, p{  
    color:rgb(82, 133, 204)  
}
```

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(82, 133, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 133, 204) }
```

Border

The CSS property to change the border of an element to YUV 125.8450, 38.5304, -38.4521 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(82, 133, 204) }
```


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

```
.border{ border-color:rgb(82, 133, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 133, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 133, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 133, 204);  
box-shadow:4px 4px 4px 4px rgb(82, 133,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 125.8450, 38.5304, -38.4521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 133, 204) }
```

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

```
.background{ background-color: rgb(82, 133,  
204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor