

Converting Colors

YUV(110.8450, 38.5304,
-38.4521)

Have a look what the booklet for
YUV(110.8450, 38.5304, -38.4521)
contains.

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Color

**YUV(110.8450, 38.5304,
-38.4521)**

Conversions

Conversions Part 1

Format	Color
Hex	4376BD
RGB	67, 118, 189
RGB Percent	26%, 46%, 74%
CMY	0.7373, 0.5373, 0.2588
CMYK	0.65, 0.38, 0.00, 0.26
HSL	215°, 48%, 50%
HSV	215°, 65%, 74%
XYZ	17.9785, 17.8243, 50.6370
YIQ	110.8450, -53.1870, 11.2690

Conversions

Conversions Part 2

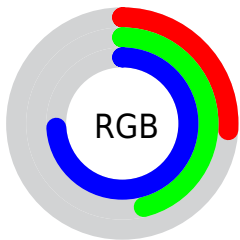
Format	Color
R _Y B	67, 103, 189
Decimal	4421309
CIE Lab	49.28, 5.63, -42.40
CIE LCh	49, 42.769, 277.562
Yxy	17.8243, 0.2080, 0.2062
Android (android.graphics.Color)	4282611389 (0xFF4376BD)
YUV	110.8450, 38.5304, -38.4521
Hunter-Lab	42.2188, 2.1296, -41.5589

Details

The YUV color **110.8450, 38.5304, -38.4521** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **145.1550, -38.5304, 38.4521**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5080, 39.6826, -34.6485**, and **56.4800, 38.7104, -49.5330** is the 20% darker color. If you saturate the color by 10%, you get **98.7070, 44.5144, -44.4700**, and if you desaturate by 10%, it is **122.9830, 32.5464, -32.4341**.

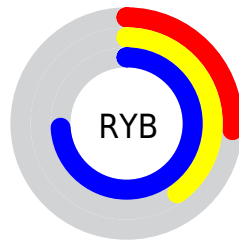
Distribution



Red (26%)

Green (46%)

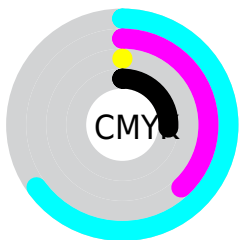
Blue (74%)



Red (26%)

Yellow (40%)

Blue (74%)

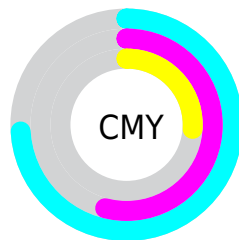


Cyan (65%)

Magenta (38%)

Yellow (0%)

Black (26%)



Cyan (74%)

Magenta (54%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.8450, 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 110.8450, 38.5304, -38.4521 by changing the saturation by 10% instead.

■ 110.8450, 38.5304,
-38.4521

■ 110.8450, 38.5304,
-38.4521

■ 255.0000, 0.0000,
0.0000

■ 82.9150, 38.9889,
-45.5295

■ 165.5080, 39.6826,
-34.6485

■ 56.4800, 38.7104,
-49.5330

■ 191.0540, 31.5254,
-31.6194

■ 40.6020, 33.7202,
-35.6080

■ 216.1610, 19.1476,
-28.2052

■ 26.1260, 29.0249,
-22.9125

■ 241.2680, 6.7699,
-24.7910

■ 9.3020, 25.4871,
-8.1579

■ 251.4120, 1.7689,
-7.3773

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 110.8450, 38.5304,
-38.4521

■ 110.8450, 38.5304,
-38.4521

■ 98.7070, 44.5144,
-44.4700

■ 122.9830, 32.5464,
-32.4341

■ 86.5690, 50.4985,
-50.4880

■ 135.1210, 26.5623,
-26.4161

■ 74.4310, 56.4825,
-56.5060

■ 147.2590, 20.5783,
-20.3981

■ 67.9190, 59.6929,
-59.5650

■ 159.3970, 14.5943,
-14.3802

■ 171.5350, 8.6102,
-8.3622

■ 183.3740, 2.7736,
-2.9590

■ 195.5120, -3.2104,
3.0590

■ 207.6500, -9.1944,
9.0770

■ 219.7880,
-15.1785, 15.0949

Harmonies

Analogous

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



96.1120, 43.3288, -84.2902



110.8450, 38.5304, -38.4521



120.4660, 26.8853, 10.1153

Triad

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



110.8450, 38.5304, -38.4521



116.3740, -20.3974, 55.8000



97.6710, -4.7678, -57.5935

Complementary

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



110.8450, 38.5304, -38.4521



145.1550, -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.



108.5440, -25.4112, -16.2631



110.8450, 38.5304, -38.4521



115.0610, -32.5681, 39.4115

Square

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



110.8450, 38.5304, -38.4521



117.3370, -4.1101, 58.4635



112.5110, -35.2549, 14.4609



93.6090, 15.9688, -82.0951

Rectangle

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



110.8450, 38.5304, -38.4521



120.6170, 17.9368, 33.6619



112.5110, -35.2549, 14.4609



103.3050, -12.9684, -40.6095

Sweetspot

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



110.8450, 38.5304, -38.4521



215.0980, 14.7417, -14.9949



146.4800, -5.1666, -69.7040



104.2360, 8.7577, -8.9770



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



110.8450, 38.5304, -38.4521



123.9190, 59.6929, -59.5650



83.3000, 52.1101, -7.2791



88.3740, 2.7736, -2.9590



56.7540, 49.9143, -49.7733



11.1650, 9.7787, -9.7917

Inverse Universe

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



109.2920, 4.2930, 69.9039



121.5170, 6.6471, 108.2946



172.7000, -52.1101, 7.2791



88.1470, 0.4205, 5.1331



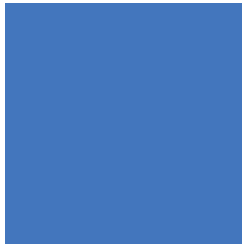
54.7660, 5.5384, 90.5362



10.7510, 1.1088, 17.7584

Previews

White Background



This preview shows how the YUV color 110.8450, 38.5304, -38.4521 looks on a white 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

Black Background



This preview shows how the YUV color 110.8450, 38.5304, -38.4521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

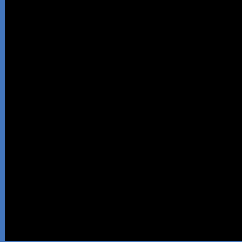
Any Text WCAG AA ✓ Pass

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 110.8450, 38.5304, -38.4521 Background



This preview shows how black text looks on a background with the YUV color 110.8450, 38.5304, -38.4521.



This preview shows how white text looks on a background with the YUV color 110.8450, 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

110.8450, 38.5304, -38.4521

Protanopia

114.7330, 35.1346, -22.5678

Deuteranopia

112.0520, 37.9354, -34.2486



Tritanopia

102.3440, 18.0714, -56.4297

Trichromacy



Original Color

110.8450, 38.5304, -38.4521

Protanomaly

113.0420, 36.4613, -28.1008

Deuteranomaly

111.4540, 38.2302, -35.4782

Tritanomaly

105.3370, 25.4699, -49.4075

Monochromacy



Original Color

110.8450, 38.5304, -38.4521

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1690, 13.7207, -14.1802

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.8450, 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(67, 118, 189)` looks like.

```
.text, #text, p{  
    color:rgb(67, 118, 189)  
}
```

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(67, 118, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 118, 189) }
```

Border

The CSS property to change the border of an element to YUV 110.8450, 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(67, 118, 189) }
```


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

```
.border{ border-color:rgb(67, 118, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 118, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 118, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 118, 189);  
box-shadow:4px 4px 4px 4px rgb(67, 118,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 110.8450, 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(67, 118, 189) }
```

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

```
.background{ background-color: rgb(67, 118,  
189) }
```

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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