

Converting Colors

YUV(108.4540, 38.2302,
-35.4782)

Have a look what the booklet for
YUV(108.4540, 38.2302, -35.4782)
contains.

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Color

**YUV(108.4540, 38.2302,
-35.4782)**

Conversions

Conversions Part 1

Format	Color
Hex	4472BA
RGB	68, 114, 186
RGB Percent	27%, 45%, 73%
CMY	0.7333, 0.5529, 0.2706
CMYK	0.63, 0.39, 0.00, 0.27
HSL	217°, 46%, 50%
HSV	217°, 63%, 73%
XYZ	17.2641, 16.8087, 48.7889
YIQ	108.4540, -50.5280, 12.6400

Conversions

Conversions Part 2

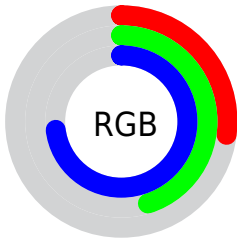
Format	Color
R _Y B	68, 101, 186
Decimal	4485818
CIE Lab	48.02, 7.22, -42.67
CIE LCh	48, 43.275, 279.610
Yxy	16.8087, 0.2083, 0.2029
Android (android.graphics.Color)	4282675898 (0xFF4472BA)
YUV	108.4540, 38.2302, -35.4782
Hunter-Lab	40.9985, 3.4177, -41.8572

Details

The YUV color **108.4540, 38.2302, -35.4782** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **145.5460, -38.2302, 35.4782**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2310, 39.8191, -31.7746**, and **54.3770, 38.2681, -47.6886** is the 20% darker color. If you saturate the color by 10%, you get **96.3160, 44.2142, -41.4961**, and if you desaturate by 10%, it is **120.5920, 32.2461, -29.4602**.

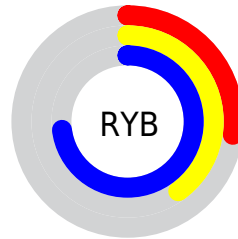
Distribution



Red (27%)

Green (45%)

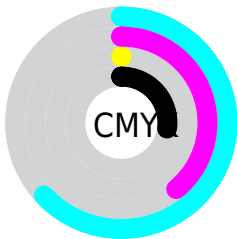
Blue (73%)



Red (27%)

Yellow (40%)

Blue (73%)

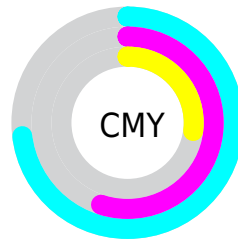


Cyan (63%)

Magenta (39%)

Yellow (0%)

Black (27%)



Cyan (73%)

Magenta (55%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.4540, 38.2302, -35.4782 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 108.4540, 38.2302, -35.4782 by changing the saturation by 10% instead.

■ 108.4540, 38.2302,
-35.4782

■ 108.4540, 38.2302,
-35.4782

■ 255.0000, 0.0000,
0.0000

■ 81.1220, 38.3939,
-41.3260

■ 162.2310, 39.8191,
-31.7746

■ 54.3770, 38.2681,
-47.6886

■ 188.7060, 32.6829,
-29.5602

■ 38.6130, 33.7148,
-33.8636

■ 213.2260, 20.5946,
-25.6312

■ 24.0230, 28.5827,
-21.0682

■ 238.9200, 7.9274,
-22.7318

■ 10.1340, 23.5979,
-8.8875

■ 251.4120, 1.7689,
-7.3773

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 108.4540, 38.2302,
-35.4782

■ 108.4540, 38.2302,
-35.4782

■ 96.3160, 44.2142,
-41.4961

■ 120.5920, 32.2461,
-29.4602

■ 83.8900, 50.3402,
-46.3845

■ 133.0180, 26.1201,
-24.5718

■ 71.7520, 56.3243,
-52.4025

■ 145.1560, 20.1361,
-18.5538

■ 64.0550, 60.1189,
-56.1762

■ 156.9950, 14.2995,
-13.1506

■ 169.7200, 8.0260,
-7.6474

■ 181.8580, 2.0420,
-1.6295

■ 193.6970, -3.7946,
3.7737

■ 206.4220,
-10.0680, 9.2769

■ 218.2610,
-15.9047, 14.6801

Harmonies

Analogous

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



94.1230, 43.3234, -82.5459



108.4540, 38.2302, -35.4782



116.9610, 26.1482, 13.1892

Triad

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



108.4540, 38.2302, -35.4782



112.7330, -21.5604, 55.4852



90.4140, -1.6831, -67.0151

Complementary

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



108.4540, 38.2302, -35.4782



145.5460, -38.2302, 35.4782

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.



104.7610, -24.5322, -18.2074



108.4540, 38.2302, -35.4782



111.8220, -33.4362, 37.8671

Square

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



108.4540, 38.2302, -35.4782



113.5220, -4.6943, 59.1782



109.0870, -35.5389, 12.2017



91.7340, 16.4001, -80.4507

Rectangle

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



108.4540, 38.2302, -35.4782



117.2860, 16.6210, 35.7062



109.0870, -35.5389, 12.2017



98.6250, -11.6471, -44.3981

Sweetspot

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



108.4540, 38.2302, -35.4782



211.8100, 14.8837, -13.8654



145.3600, -3.1355, -67.8447



103.6490, 9.0470, -8.4622



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.



108.4540, 38.2302, -35.4782



121.2400, 59.5347, -55.4615



85.0400, 49.7733, -4.4201



85.7870, 3.0630, -2.4442



53.5910, 50.4876, -46.9993



9.6490, 9.0470, -8.4622

Inverse Universe

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



108.5260, 2.6987, 67.9447



121.2240, 4.3266, 105.9206



168.9600, -49.7733, 4.4201



86.0330, -0.0163, 5.2331



53.5980, 3.6492, 89.8066



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 108.4540, 38.2302, -35.4782 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 108.4540, 38.2302, -35.4782 looks on a black 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

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

YUV 108.4540, 38.2302, -35.4782

Background



This preview shows how black text looks on a background with the YUV color 108.4540, 38.2302, -35.4782.

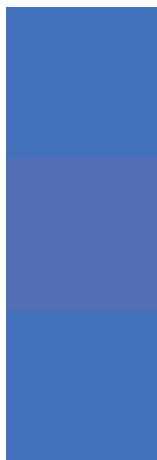


This preview shows how white text looks on a background with the YUV color 108.4540, 38.2302, -35.4782.

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

108.4540, 38.2302, -35.4782

Protanopia

111.4340, 35.2820, -23.1826

Deuteranopia

108.4540, 38.2302, -35.4782



Tritanopia

101.0240, 16.7502, -52.6410

Trichromacy



Original Color

108.4540, 38.2302, -35.4782

Protanomaly

110.3410, 36.3139, -27.4861

Deuteranomaly

108.4540, 38.2302, -35.4782

Tritanomaly

103.8320, 24.7328, -46.3337

Monochromacy



Original Color

108.4540, 38.2302, -35.4782

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8810, 13.8627, -13.0506

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.4540, 38.2302, -35.4782 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(68, 114, 186)` looks like.

```
.text, #text, p{  
    color:rgb(68, 114, 186)  
}
```

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(68, 114, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 114, 186) }
```

Border

The CSS property to change the border of an element to YUV 108.4540, 38.2302, -35.4782 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(68, 114, 186) }
```


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

```
.border{ border-color:rgb(68, 114, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 114, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 114, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 114, 186);  
box-shadow:4px 4px 4px 4px rgb(68, 114,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 108.4540, 38.2302, -35.4782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 114, 186) }
```

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

```
.background{ background-color: rgb(68, 114,  
186) }
```

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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