

Converting Colors

YUV(109.7590, -21.5732,
-33.9916)

Have a look what the booklet for
YUV(109.7590, -21.5732, -33.9916)
contains.

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Color

**YUV(109.7590, -21.5732,
-33.9916)**

Conversions

Conversions Part 1

Format	Color
Hex	478A42
RGB	71, 138, 66
RGB Percent	28%, 54%, 26%
CMY	0.7216, 0.4588, 0.7412
CMYK	0.49, 0.00, 0.52, 0.46
HSL	116°, 35%, 40%
HSV	116°, 52%, 54%
XYZ	12.6704, 19.9099, 8.3295
YIQ	109.7590, -16.8200, -36.5960

Conversions

Conversions Part 2

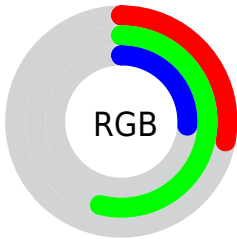
Format	Color
R_{YB}	66, 138, 133
Decimal	4688450
CIE Lab	51.74, -36.54, 31.88
CIE LCh	52, 48.497, 138.895
Yxy	19.9099, 0.3097, 0.4867
Android (android.graphics.Color)	4282878530 (0xFF478A42)
YUV	109.7590, -21.5732, -33.9916
Hunter-Lab	44.6205, -27.3993, 20.1665

Details

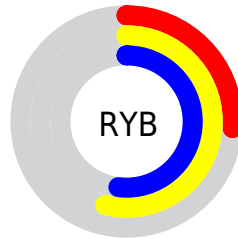
The YUV color **109.7590, -21.5732, -33.9916** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **94.2410, 21.5732, 33.9916**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.0040, -23.1730, -34.2065**, and **56.7090, -19.0835, -39.2098** is the 20% darker color. If you saturate the color by 10%, you get **104.2760, -25.7721, -40.5841**, and if you desaturate by 10%, it is **115.2420, -17.3743, -27.3992**.

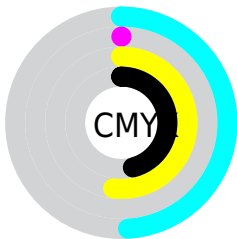
Distribution



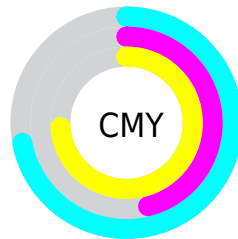
- Red (28%)
- Green (54%)
- Blue (26%)



- Red (26%)
- Yellow (54%)
- Blue (52%)



- Cyan (49%)
- Magenta (0%)
- Yellow (52%)
- Black (46%)



- Cyan (72%)
- Magenta (46%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7590, -21.5732, -33.9916 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 109.7590, -21.5732, -33.9916 by changing the saturation by 10% instead.

■ 109.7590,
-21.5732, -33.9916

■ 109.7590,
-21.5732, -33.9916

■ 255.0000, 0.0000,
0.0000

■ 83.6880, -20.5522,
-34.8064

■ 163.0040,
-23.1730, -34.2065

■ 56.7090, -19.0835,
-39.2098

■ 190.4770,
-23.8992, -34.6213

■ 36.9810, -18.2316,
-32.4323

■ 218.8360,
-25.0621, -34.9362

■ 24.0670, -11.8650,
-21.1068

■ 233.9220,
-18.6955, -23.6106

■ 7.0440, -3.4727,
-6.1776

■ 245.7850,
-10.7400, -8.5814

■ 0.0000, 0.0000,
0.0000

254.7720, -0.8736,

0.2000

■ 109.7590,
-21.5732, -33.9916

■ 109.7590,
-21.5732, -33.9916

■ 104.2760,
-25.7721, -40.5841

■ 115.2420,
-17.3743, -27.3992

■ 98.7930, -29.9709,
-47.1765

■ 120.7250,
-13.1754, -20.8068

■ 93.4240, -33.7330,
-53.8688

■ 126.0940, -9.4133,
-14.1144

■ 88.2400, -38.0793,
-59.8465

■ 131.2780, -5.0671,
-8.1368

■ 83.9960, -41.4100,
-64.8945

■ 136.7610, -0.8682,
-1.5444

■ 142.2440, 3.3307,
5.0480

■ 147.7270, 7.5296,
11.6404

■ 153.0960, 11.2917,
18.3328

■ 158.5790, 15.4906,
24.9252

Harmonies

Analogous

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



115.9350, -38.4220, 3.5650



109.7590, -21.5732, -33.9916



96.0250, 4.9177, -84.2139

Triad

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



109.7590, -21.5732, -33.9916



100.8540, 51.3440, -88.4490



121.8560, -11.2680, 67.6553

Complementary

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



109.7590, -21.5732, -33.9916



94.2410, 21.5732, 33.9916

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.



124.2520, 8.2568, 58.5380



109.7590, -21.5732, -33.9916



121.8840, 39.4972, -21.8233

Square

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



109.7590, -21.5732, -33.9916



103.2700, 40.2929, -90.5678



127.1200, 25.0838, 27.9588



121.6810, -29.4227, 57.2848

Rectangle

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



109.7590, -21.5732, -33.9916



99.9180, 17.2954, -87.6281



127.1200, 25.0838, 27.9588



122.2780, -4.5741, 67.2852

Sweetspot

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



109.7590, -21.5732, -33.9916



167.6210, -8.6872, -13.6996



126.2700, -29.7131, 10.2872



82.2780, -5.0671, -8.1368



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



109.7590, -21.5732, -33.9916



134.7230, -33.8804, -53.2541



111.6840, -7.7322, -40.0649



66.1090, -2.0257, -3.6036



80.7620, -39.8157, -62.9353



2.9350, -1.4470, -2.5740

Inverse Universe

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



94.2410, 21.5732, 33.9916



110.2770, 33.8804, 53.2541



92.3160, 7.7322, 40.0649



64.5920, 2.1731, 2.9888



51.9390, 39.9631, 62.3205



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 109.7590, -21.5732, -33.9916 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 109.7590, -21.5732, -33.9916 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 109.7590, -21.5732, -33.9916 Background



This preview shows how black text looks on a background with the YUV color 109.7590, -21.5732, -33.9916.



This preview shows how white text looks on a background with the YUV color 109.7590, -21.5732, -33.9916.

-33.9916.

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

109.7590, -21.5732, -33.9916

Protanopia

119.8190, -28.9978, 14.1907

Deuteranopia

121.3240, -24.8097, 24.2719



Tritanopia

117.9840, 10.8539, -28.0500

Trichromacy



Original Color

109.7590, -21.5732, -33.9916

Protanomaly

115.8060, -26.0334, -3.3379

Deuteranomaly

117.4200, -23.8711, 3.1397

Tritanomaly

115.1720, -1.0708, -29.9688

Monochromacy



Original Color

109.7590, -21.5732, -33.9916

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8600, -7.8190, -12.1552

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7590, -21.5732, -33.9916 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(71, 138, 66)` looks like.

```
.text, #text, p{  
    color:rgb(71, 138, 66)  
}
```

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(71, 138, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 138, 66) }
```

Border

The CSS property to change the border of an element to YUV 109.7590, -21.5732, -33.9916 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(71, 138, 66) }
```


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

```
.border{ border-color:rgb(71, 138, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 138, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 138, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 138, 66);  
box-shadow:4px 4px 4px 4px rgb(71, 138,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 109.7590, -21.5732, -33.9916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 138, 66) }
```

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

```
.background{ background-color: rgb(71, 138,  
66) }
```

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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