

Converting Colors

YUV(107.0990, 30.0242,
-16.7498)

Have a look what the booklet for
YUV(107.0990, 30.0242, -16.7498)
contains.

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Color

**YUV(107.0990, 30.0242,
-16.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	5869A8
RGB	88, 105, 168
RGB Percent	35%, 41%, 66%
CMY	0.6549, 0.5882, 0.3412
CMYK	0.48, 0.38, 0.00, 0.34
HSL	227°, 31%, 50%
HSV	227°, 48%, 66%
XYZ	16.1440, 15.0050, 39.0912
YIQ	107.0990, -30.3550, 15.9890

Conversions

Conversions Part 2

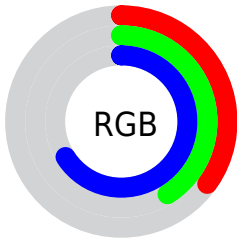
Format	Color
R _Y B	88, 102, 168
Decimal	5794216
CIE Lab	45.64, 11.21, -35.87
CIE LCh	46, 37.579, 287.353
Yxy	15.0050, 0.2298, 0.2136
Android (android.graphics.Color)	4283984296 (0xFF5869A8)
YUV	107.0990, 30.0242, -16.7498
Hunter-Lab	38.7363, 6.6041, -32.7177

Details

The YUV color **107.0990, 30.0242, -16.7498** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **148.9010, -30.0242, 16.7498**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5660, 31.7660, -15.4054**, and **57.0230, 28.5827, -21.0682** is the 20% darker color. If you saturate the color by 10%, you get **94.3850, 36.2922, -20.5086**, and if you desaturate by 10%, it is **119.8130, 23.7562, -12.9910**.

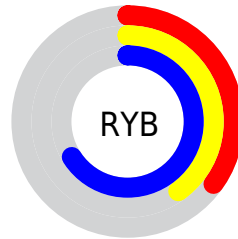
Distribution



Red (35%)

Green (41%)

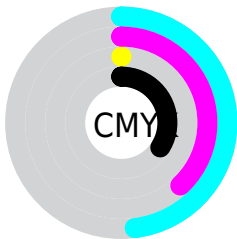
Blue (66%)



Red (35%)

Yellow (40%)

Blue (66%)

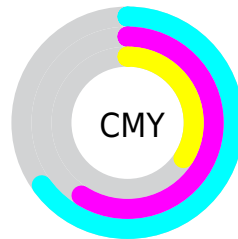


Cyan (48%)

Magenta (38%)

Yellow (0%)

Black (34%)



Cyan (65%)

Magenta (59%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0990, 30.0242, -16.7498 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 107.0990, 30.0242, -16.7498 by changing the saturation by 10% instead.

■ 107.0990, 30.0242,
-16.7498

■ 107.0990, 30.0242,
-16.7498

■ 255.0000, 0.0000,
0.0000

■ 81.8600, 29.1560,
-18.2942

■ 159.5660, 31.7660,
-15.4054

■ 57.0230, 28.5827,
-21.0682

■ 186.6800, 32.2028,
-15.5054

■ 32.0930, 29.0412,
-28.1456

■ 211.5420, 21.4248,
-11.8763

■ 17.6170, 24.3458,
-15.4501

■ 236.9370, 8.9051,
-9.5917

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 107.0990, 30.0242,
-16.7498

■ 107.0990, 30.0242,
-16.7498

■ 94.3850, 36.2922,
-20.5086

■ 119.8130, 23.7562,
-12.9910

■ 81.6710, 42.5602,
-24.2675

■ 132.5270, 17.4882,
-9.2322

■ 68.6690, 48.9702,
-26.8967

■ 145.5290, 11.0782,
-6.6029

■ 55.9550, 55.2382,
-30.6555

■ 158.2430, 4.8102,
-2.8441

■ 43.2410, 61.5062,
-34.4144

■ 170.9570, -1.4578,
0.9147

■ 40.2840, 62.9640,
-35.3291

■ 183.6710, -7.7258,
4.6735

■ 196.9720,
-14.2832, 7.9176

■ 209.3870,
-20.4038, 11.0616

■ 222.1010,
-26.6718, 14.8204

Harmonies

Analogous

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



86.7710, 40.5389, -76.0982



107.0990, 30.0242, -16.7498



111.5720, 19.4380, 18.7924

Triad

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



107.0990, 30.0242, -16.7498



107.5530, -21.9646, 45.1190



84.2980, 4.2901, -69.5443

Complementary

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



107.0990, 30.0242, -16.7498



148.9010, -30.0242, 16.7498

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.



98.9760, -17.2432, -22.7810



107.0990, 30.0242, -16.7498



106.2660, -30.2041, 27.8307

Square

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



107.0990, 30.0242, -16.7498



108.4410, -8.5984, 51.3562



103.4650, -28.8232, 4.8542



87.1520, 19.1521, -76.4323

Rectangle

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



107.0990, 30.0242, -16.7498



110.8040, 10.9426, 37.0059



103.4650, -28.8232, 4.8542



92.7370, -4.8003, -47.1273

Sweetspot

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



107.0990, 30.0242, -16.7498



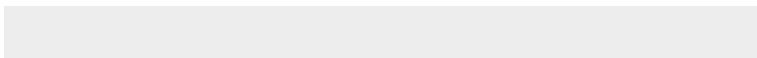
195.9420, 11.3676, -6.0881



142.1420, 4.3670, -47.4825



95.5140, 7.1416, -3.9588



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



107.0990, 30.0242, -16.7498



124.0990, 46.7862, -26.3968



103.9970, 31.5535, 6.1416



78.0860, 2.9156, -1.8294



35.0690, 55.6750, -30.7555



4.6280, 7.5784, -4.0588

Inverse Universe

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



113.8580, -4.3670, 47.4825



134.4530, -6.6323, 74.1477



152.0030, -31.5535, -6.1416



78.6200, -0.3057, 4.7183



47.7860, -8.2755, 87.8877



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 107.0990, 30.0242, -16.7498 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 107.0990, 30.0242, -16.7498 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 107.0990, 30.0242, -16.7498

Background



This preview shows how black text looks on a background with the YUV color 107.0990, 30.0242, -16.7498.

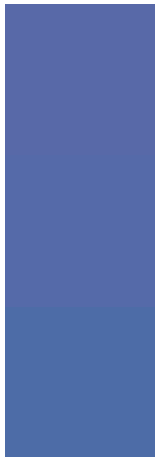


This preview shows how white text looks on a background with the YUV color 107.0990, 30.0242, -16.7498.

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

107.0990, 30.0242, -16.7498

Protanopia

106.9030, 30.6138, -19.2089

Deuteranopia

105.4570, 30.3407, -24.9568



Tritanopia

103.3650, 9.6801, -24.8761

Trichromacy



Original Color

107.0990, 30.0242, -16.7498

Protanomaly

107.2020, 30.4664, -18.5942

Deuteranomaly

106.0660, 30.0405, -21.9829

Tritanomaly

104.9230, 16.8000, -21.8575

Monochromacy



Original Color

107.0990, 30.0242, -16.7498

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8280, 10.9308, -5.9882

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0990, 30.0242, -16.7498 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(88, 105, 168)` looks like.

```
.text, #text, p{  
    color:rgb(88, 105, 168)  
}
```

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(88, 105, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 105, 168) }
```

Border

The CSS property to change the border of an element to YUV 107.0990, 30.0242, -16.7498 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(88, 105, 168) }
```


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

```
.border{ border-color:rgb(88, 105, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 105, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 105, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 105, 168);  
box-shadow:4px 4px 4px 4px rgb(88, 105,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 107.0990, 30.0242, -16.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 105, 168) }
```

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

```
.background{ background-color: rgb(88, 105,  
168) }
```

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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