

Converting Colors

YUV(107.8880, 26.6772,
-16.5648)

Have a look what the booklet for
YUV(107.8880, 26.6772, -16.5648)
contains.

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Color

**YUV(107.8880, 26.6772,
-16.5648)**

Conversions

Conversions Part 1

Format	Color
Hex	596BA2
RGB	89, 107, 162
RGB Percent	35%, 42%, 64%
CMY	0.6510, 0.5804, 0.3647
CMYK	0.45, 0.34, 0.00, 0.36
HSL	225°, 29%, 49%
HSV	225°, 45%, 64%
XYZ	15.8991, 15.2479, 36.2876
YIQ	107.8880, -28.3830, 13.2890

Conversions

Conversions Part 2

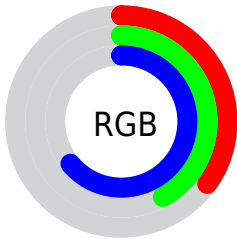
Format	Color
R _Y B	89, 103, 162
Decimal	5860258
CIE Lab	45.97, 8.38, -31.82
CIE LCh	46, 32.900, 284.749
Yxy	15.2479, 0.2358, 0.2261
Android (android.graphics.Color)	4284050338 (0xFF596BA2)
YUV	107.8880, 26.6772, -16.5648
Hunter-Lab	39.0485, 4.3436, -27.7639

Details

The YUV color **107.8880, 26.6772, -16.5648** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **143.1120, -26.6772, 16.5648**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9420, 28.1296, -15.7351**, and **58.5240, 25.3777, -19.7535** is the 20% darker color. If you saturate the color by 10%, you get **96.0600, 32.5084, -20.2236**, and if you desaturate by 10%, it is **119.7160, 20.8460, -12.9059**.

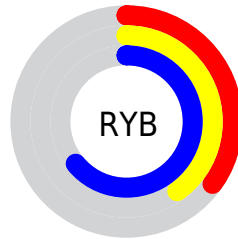
Distribution



Red (35%)

Green (42%)

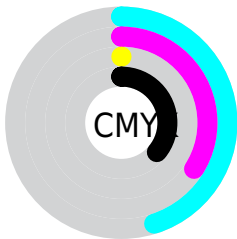
Blue (64%)



Red (35%)

Yellow (40%)

Blue (64%)

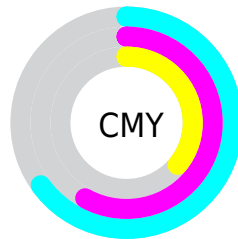


Cyan (45%)

Magenta (34%)

Yellow (0%)

Black (36%)



Cyan (65%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.8880, 26.6772, -16.5648 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 107.8880, 26.6772, -16.5648 by changing the saturation by 10% instead.

■ 107.8880, 26.6772,
-16.5648

■ 107.8880, 26.6772,
-16.5648

■ 255.0000, 0.0000,
0.0000

■ 83.0620, 26.0984,
-17.5944

■ 159.9420, 28.1296,
-15.7351

■ 58.5240, 25.3777,
-19.7535

■ 187.4690, 28.8558,
-15.3203

■ 32.8820, 25.6942,
-27.9605

■ 213.3030, 20.5566,
-13.4207

■ 17.6340, 21.8724,
-15.4650

■ 238.1110, 8.3263,
-10.6213

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 107.8880, 26.6772,
-16.5648

■ 107.8880, 26.6772,
-16.5648

■ 96.0600, 32.5084,
-20.2236

■ 119.7160, 20.8460,
-12.9059

■ 84.2320, 38.3396,
-23.8825

■ 131.5440, 15.0148,
-9.2471

■ 71.5180, 44.6076,
-27.6413

■ 144.2580, 8.7468,
-5.4883

■ 59.6900, 50.4388,
-31.3001

■ 156.0860, 2.9156,
-1.8294

■ 47.8620, 56.2700,
-34.9590

■ 167.9140, -2.9156,
1.8294

■ 41.9480, 59.1856,
-36.7884

■ 179.7420, -8.7468,
5.4883

■ 191.5700,
-14.5780, 9.1471

■ 204.2840,
-20.8460, 12.9059

■ 216.1120,
-26.6772, 16.5648

Harmonies

Analogous

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



94.3340, 33.3593, -59.9289



107.8880, 26.6772, -16.5648



112.3820, 17.5597, 14.5740

Triad

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



107.8880, 26.6772, -16.5648



109.0300, -18.7488, 40.3157



94.7740, -0.8746, -46.2828

Complementary

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



107.8880, 26.6772, -16.5648



143.1120, -26.6772, 16.5648

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.



101.6500, -16.0964, -17.2330



107.8880, 26.6772, -16.5648



107.4060, -25.8362, 26.8309

Square

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



107.8880, 26.6772, -16.5648



110.4510, -7.1243, 45.2085



105.6870, -25.4817, 6.4135



86.1090, 17.6943, -75.5176

Rectangle

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



107.8880, 26.6772, -16.5648



111.9450, 10.3801, 30.7432



105.6870, -25.4817, 6.4135



97.6460, -6.7275, -35.6465

Sweetspot

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



107.8880, 26.6772, -16.5648



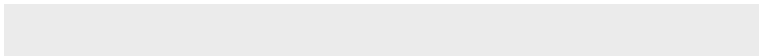
189.5290, 11.0782, -6.6029



138.1210, 2.8983, -43.0791



93.4000, 6.7048, -3.8588



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



107.8880, 26.6772, -16.5648



127.1330, 41.8394, -26.4266



102.7040, 29.2329, 3.7676



75.2000, 3.3524, -1.9294



37.6620, 52.9176, -33.0296



4.4000, 6.7048, -3.8588

Inverse Universe

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



112.8790, -2.8983, 43.0791



134.6910, -4.2847, 67.8000



148.2960, -29.2329, -3.7676



75.9190, -0.4531, 5.3330



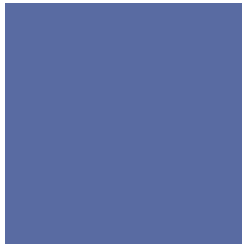
47.4590, -5.6493, 85.5435



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 107.8880, 26.6772, -16.5648 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 107.8880, 26.6772, -16.5648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

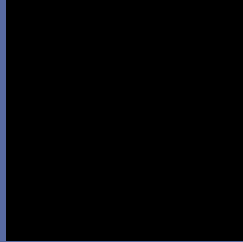
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

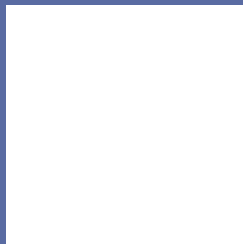
Any Text WCAG AAA × Fail

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

YUV 107.8880, 26.6772, -16.5648 Background



This preview shows how black text looks on a background with the YUV color 107.8880, 26.6772, -16.5648.



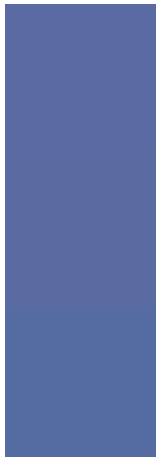
This preview shows how white text looks on a background with the YUV color 107.8880, 26.6772, -16.5648.

-16.5648.

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

107.8880, 26.6772, -16.5648

Protanopia

108.1870, 26.5298, -15.9500

Deuteranopia

107.2790, 26.9775, -19.5387



Tritanopia

104.9630, 9.3852, -23.6466

Trichromacy



Original Color

107.8880, 26.6772, -16.5648

Protanomaly

108.1870, 26.5298, -15.9500

Deuteranomaly

107.5780, 26.8300, -18.9239

Tritanomaly

105.9940, 15.7790, -21.0427

Monochromacy



Original Color

107.8880, 26.6772, -16.5648

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1870, 9.7678, -6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.8880, 26.6772, -16.5648 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(89, 107, 162)` looks like.

```
.text, #text, p{  
    color:rgb(89, 107, 162)  
}
```

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(89, 107, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 107, 162) }
```

Border

The CSS property to change the border of an element to YUV 107.8880, 26.6772, -16.5648 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(89, 107, 162) }
```


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

```
.border{ border-color:rgb(89, 107, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 107, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 107, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 107, 162);  
box-shadow:4px 4px 4px 4px rgb(89, 107,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 107.8880, 26.6772, -16.5648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 107, 162) }
```

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

```
.background{ background-color: rgb(89, 107,  
162) }
```

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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