

Converting Colors

YUV(120.4300, 48.1020,
-28.4411)

Have a look what the booklet for
YUV(120.4300, 48.1020, -28.4411)
contains.

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Color

**YUV(120.4300, 48.1020,
-28.4411)**

Conversions

Conversions Part 1

Format	Color
Hex	5876DA
RGB	88, 118, 218
RGB Percent	35%, 46%, 85%
CMY	0.6549, 0.5373, 0.1451
CMYK	0.60, 0.46, 0.00, 0.15
HSL	226°, 64%, 60%
HSV	226°, 60%, 85%
XYZ	23.1578, 20.0935, 68.9876
YIQ	120.4300, -49.9800, 24.7400

Conversions

Conversions Part 2

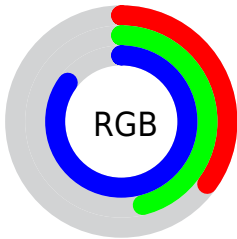
Format	Color
R _Y B	88, 112, 218
Decimal	5797594
CIE Lab	51.94, 19.43, -54.63
CIE LCh	52, 57.988, 289.579
Yxy	20.0935, 0.2063, 0.1790
Android (android.graphics.Color)	4283987674 (0xFF5876DA)
YUV	120.4300, 48.1020, -28.4411
Hunter-Lab	44.8258, 13.7712, -59.8701

Details

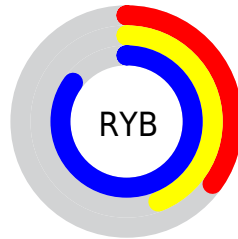
The YUV color **120.4300, 48.1020, -28.4411** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **185.5700, -48.1020, 28.4411**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1120, 40.3708, -22.0232**, and **60.1560, 50.2091, -51.0028** is the 20% darker color. If you saturate the color by 10%, you get **103.8730, 56.2646, -33.2146**, and if you desaturate by 10%, it is **136.9870, 39.9394, -23.6676**.

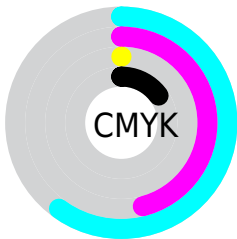
Distribution



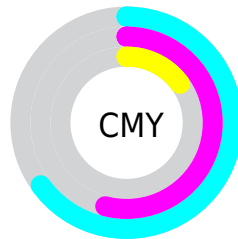
- Red (35%)
- Green (46%)
- Blue (85%)



- Red (35%)
- Yellow (44%)
- Blue (85%)



- Cyan (60%)
- Magenta (46%)
- Yellow (0%)
- Black (15%)



- Cyan (65%)
- Magenta (54%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.4300, 48.1020, -28.4411 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 120.4300, 48.1020, -28.4411 by changing the saturation by 10% instead.

■ 120.4300, 48.1020,
-28.4411

■ 120.4300, 48.1020,
-28.4411

■ 255.0000, 0.0000,
0.0000

■ 93.2830, 47.6815,
-33.5742

■ 173.1120, 40.3708,
-22.0232

■ 60.1560, 50.2091,
-51.0028

■ 197.6320, 28.2824,
-18.0943

■ 44.2670, 45.2244,
-38.8222

■ 222.7390, 15.9047,
-14.6801

■ 29.5630, 39.6554,
-25.9268

■ 248.1450, 3.3795,
-10.6512

■ 11.4510, 36.2597,
-10.0425

■ 10.3620, 24.4715,
-9.0875

■ 5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 120.4300, 48.1020,
-28.4411

■ 120.4300, 48.1020,
-28.4411

■ 103.8730, 56.2646,
-33.2146

■ 136.9870, 39.9394,
-23.6676

■ 87.3160, 64.4272,
-37.9881

■ 153.5440, 31.7768,
-18.8941

■ 71.6450, 72.1530,
-42.6617

■ 169.2150, 24.0510,
-14.2206

■ 55.0880, 80.3156,
-47.4352

■ 185.7720, 15.8884,
-9.4470

■ 54.2020, 80.7524,
-47.5352

■ 202.3290, 7.7258,
-4.6735

■ 218.8860, -0.4368,
0.1000

■ 234.8560, -8.3100,
5.3883

■ 249.0210,
-15.2934, 5.2436

■ 250.7820,
-16.1615, 3.6992

Harmonies

Analogous

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



104.5530, 57.9014, -91.6930



120.4300, 48.1020, -28.4411



127.5320, 30.3037, 33.7364

Triad

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



120.4300, 48.1020, -28.4411



119.9550, -34.9808, 66.6915



97.5580, 3.1759, -85.5584

Complementary

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



120.4300, 48.1020, -28.4411



185.5700, -48.1020, 28.4411

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.



104.8840, -24.5928, -45.5023



120.4300, 48.1020, -28.4411



117.0400, -54.2497, 40.3069

Square

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



120.4300, 48.1020, -28.4411



118.7160, -12.1850, 81.8101



112.9060, -51.2257, 3.5904



104.0730, 25.6000, -91.2720

Rectangle

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



120.4300, 48.1020, -28.4411



124.0920, 17.7026, 62.1863



112.9060, -51.2257, 3.5904



95.0330, -3.9603, -83.3439

Sweetspot

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



120.4300, 48.1020, -28.4411



220.7010, 16.9094, -10.2618



175.7100, 6.0590, -76.9217



106.4150, 10.6414, -6.5030



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



120.4300, 48.1020, -28.4411



117.2170, 67.9270, -40.5323



113.2850, 51.6245, 8.5201



101.4280, 4.2260, -2.1294



43.2020, 63.9904, -37.8882



11.7010, 16.9094, -10.2618

Inverse Universe

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



130.2900, -6.0590, 76.9217



130.9180, -8.3406, 108.8199



192.7150, -51.6245, -8.5201



102.5170, -0.7479, 6.5626



56.2870, -8.0295, 102.3573



15.0080, -1.9759, 27.1800

Previews

White Background



This preview shows how the YUV color 120.4300, 48.1020, -28.4411 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 120.4300, 48.1020, -28.4411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

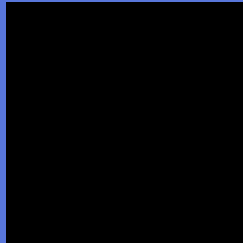
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.4300, 48.1020, -28.4411

Background



This preview shows how black text looks on a background with the YUV color 120.4300, 48.1020, -28.4411.



This preview shows how white text looks on a background with the YUV color 120.4300, 48.1020, -28.4411.

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

120.4300, 48.1020, -28.4411

Protanopia

118.2440, 50.1657, -37.0480

Deuteranopia

111.1550, 51.6886, -58.8949



Tritanopia

112.5190, 16.0131, -49.5672

Trichromacy



Original Color

120.4300, 48.1020, -28.4411

Protanomaly

118.7390, 49.4287, -33.9741

Deuteranomaly

114.2920, 50.6350, -47.6141

Tritanomaly

115.6630, 27.7741, -41.8005

Monochromacy



Original Color

120.4300, 48.1020, -28.4411

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9290, 17.7830, -10.4617

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4300, 48.1020, -28.4411 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, 118, 218)` looks like.

```
.text, #text, p{  
    color:rgb(88, 118, 218)  
}
```

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, 118, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 118, 218) }
```

Border

The CSS property to change the border of an element to YUV 120.4300, 48.1020, -28.4411 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, 118, 218) }
```


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

```
.border{ border-color:rgb(88, 118, 218) }
```

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

Here you see how a box with a 4 pixel rgb(88, 118, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 118, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 118, 218);  
box-shadow:4px 4px 4px 4px rgb(88, 118,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 120.4300, 48.1020, -28.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 118, 218) }
```

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

```
.background{ background-color: rgb(88, 118,  
218) }
```

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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