

Converting Colors

YUV(120.1220, 41.8449,
-28.1710)

Have a look what the booklet for
YUV(120.1220, 41.8449, -28.1710)
contains.

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Color

**YUV(120.1220, 41.8449,
-28.1710)**

Conversions

Conversions Part 1

Format	Color
Hex	5878CD
RGB	88, 120, 205
RGB Percent	35%, 47%, 80%
CMY	0.6549, 0.5294, 0.1961
CMYK	0.57, 0.41, 0.00, 0.20
HSL	224°, 54%, 57%
HSV	224°, 57%, 80%
XYZ	21.7604, 19.9154, 60.4548
YIQ	120.1220, -46.3570, 19.6510

Conversions

Conversions Part 2

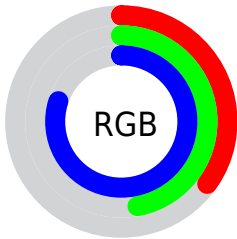
Format	Color
R _Y B	88, 113, 205
Decimal	5798093
CIE Lab	51.74, 13.89, -47.59
CIE LCh	52, 49.571, 286.269
Yxy	19.9154, 0.2131, 0.1950
Android (android.graphics.Color)	4283988173 (0xFF5878CD)
YUV	120.1220, 41.8449, -28.1710
Hunter-Lab	44.6267, 8.9416, -49.0801

Details

The YUV color **120.1220, 41.8449, -28.1710** 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 **172.8780, -41.8449, 28.1710**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6880, 40.0868, -24.2824**, and **64.1480, 42.3250, -42.2258** is the 20% darker color. If you saturate the color by 10%, you get **105.3370, 49.1339, -32.7445**, and if you desaturate by 10%, it is **135.2060, 34.4084, -22.9827**.

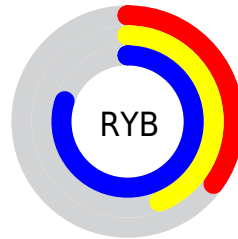
Distribution



Red (35%)

Green (47%)

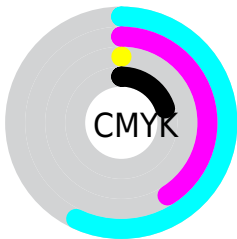
Blue (80%)



Red (35%)

Yellow (44%)

Blue (80%)

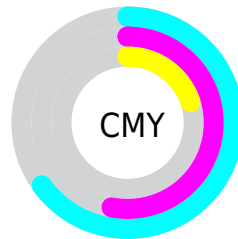


Cyan (57%)

Magenta (41%)

Yellow (0%)

Black (20%)



Cyan (65%)

Magenta (53%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.1220, 41.8449, -28.1710 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 120.1220, 41.8449, -28.1710 by changing the saturation by 10% instead.

■ 120.1220, 41.8449,
-28.1710

■ 120.1220, 41.8449,
-28.1710

■ 255.0000, 0.0000,
0.0000

■ 92.9860, 41.4189,
-31.5597

■ 173.6880, 40.0868,
-24.2824

■ 64.1480, 42.3250,
-42.2258

■ 198.2080, 27.9985,
-20.3534

■ 43.4860, 39.6934,
-38.1372

■ 223.3150, 15.6207,
-16.9393

■ 28.7820, 34.1245,
-25.2418

■ 248.4220, 3.2430,
-13.5251

■ 10.7840, 31.1655,
-9.4576

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 120.1220, 41.8449,
-28.1710

■ 120.1220, 41.8449,
-28.1710

■ 105.3370, 49.1339,
-32.7445

■ 135.2060, 34.4084,
-22.9827

■ 90.2530, 56.5703,
-37.9329

■ 149.9910, 27.1194,
-18.4091

■ 75.4680, 63.8593,
-42.5064

■ 165.0750, 19.6830,
-13.2208

■ 60.3840, 71.2957,
-47.6948

■ 179.8600, 12.3940,
-8.6472

■ 56.2420, 73.3377,
-49.3242

■ 194.3570, 5.2470,
-2.9441

■ 209.1420, -2.0420,
1.6295

■ 224.2260, -9.4784,
6.8178

■ 239.0110,
-16.7674, 11.3914

■ 248.7130,
-21.5505, 5.5137

Harmonies

Analogous

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



102.1420, 51.2020, -89.5785



120.1220, 41.8449, -28.1710



126.9670, 27.1313, 24.5849

Triad

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



120.1220, 41.8449, -28.1710



120.9310, -28.5600, 60.5735



95.5690, 3.1705, -83.8140

Complementary

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



120.1220, 41.8449, -28.1710



172.8780, -41.8449, 28.1710

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.



110.3850, -24.3468, -31.0326



120.1220, 41.8449, -28.1710



119.4600, -41.1458, 37.3076

Square

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



120.1220, 41.8449, -28.1710



121.6220, -9.6736, 69.6145



116.0880, -40.4694, 6.9388



101.1720, 22.1002, -88.7278

Rectangle

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



120.1220, 41.8449, -28.1710



125.8470, 15.8514, 49.2462



116.0880, -40.4694, 6.9388



94.4790, -3.6871, -77.5961

Sweetspot

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



120.1220, 41.8449, -28.1710



223.9460, 15.3096, -10.4766



166.2550, 2.8323, -68.6296



109.0730, 9.3310, -6.2030



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.



120.1220, 41.8449, -28.1710



129.3110, 61.9647, -41.4917



108.8130, 47.4202, 3.6720



94.9010, 3.4998, -2.5442



45.3390, 59.4859, -39.7623



10.2020, 13.7044, -8.9472

Inverse Universe

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



126.6310, -3.2691, 68.7296



139.0850, -4.9719, 101.6575



184.1870, -47.4202, -3.6720



95.3320, -0.1637, 5.8478



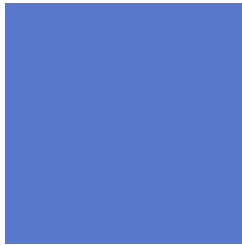
54.7640, -4.8137, 97.5540



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 120.1220, 41.8449, -28.1710 looks on a white background.

Color Contrast Check

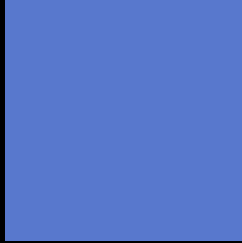
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.1220, 41.8449, -28.1710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

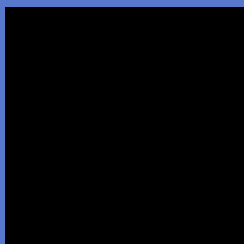
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.1220, 41.8449, -28.1710

Background



This preview shows how black text looks on a background with the YUV color 120.1220, 41.8449, -28.1710.



This preview shows how white text looks on a background with the YUV color 120.1220, 41.8449, -28.1710.

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

120.1220, 41.8449, -28.1710

Protanopia

120.1220, 41.8449, -28.1710

Deuteranopia

116.6750, 43.0512, -41.8110



Tritanopia

113.6230, 14.9759, -43.5194

Trichromacy



Original Color

120.1220, 41.8449, -28.1710

Protanomaly

120.1220, 41.8449, -28.1710

Deuteranomaly

118.1810, 42.3088, -36.9927

Tritanomaly

115.8870, 24.7057, -37.6119

Monochromacy



Original Color

120.1220, 41.8449, -28.1710

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9460, 15.3096, -10.4766

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1220, 41.8449, -28.1710 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, 120, 205)` looks like.

```
.text, #text, p{  
    color:rgb(88, 120, 205)  
}
```

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, 120, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 120, 205) }
```

Border

The CSS property to change the border of an element to YUV 120.1220, 41.8449, -28.1710 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, 120, 205) }
```


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

```
.border{ border-color:rgb(88, 120, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 120, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 120, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 120, 205);  
box-shadow:4px 4px 4px 4px rgb(88, 120,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 120.1220, 41.8449, -28.1710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 120, 205) }
```

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

```
.background{ background-color: rgb(88, 120,  
205) }
```

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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