

Converting Colors

YUV(120.3540, 46.6605,
-32.7595)

Have a look what the booklet for
YUV(120.3540, 46.6605, -32.7595)
contains.

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Color

**YUV(120.3540, 46.6605,
-32.7595)**

Conversions

Conversions Part 1

Format	Color
Hex	5379D7
RGB	83, 121, 215
RGB Percent	33%, 47%, 84%
CMY	0.6745, 0.5255, 0.1569
CMYK	0.61, 0.44, 0.00, 0.16
HSL	223°, 62%, 58%
HSV	223°, 61%, 84%
XYZ	22.6704, 20.4200, 67.0366
YIQ	120.3540, -52.8220, 21.1780

Conversions

Conversions Part 2

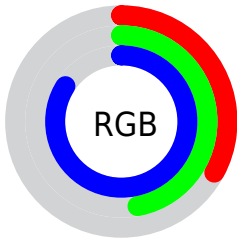
Format	Color
R _Y B	83, 113, 215
Decimal	5470679
CIE Lab	52.31, 15.65, -52.37
CIE LCh	52, 54.657, 286.636
Yxy	20.4200, 0.2059, 0.1854
Android (android.graphics.Color)	4283660759 (0xFF5379D7)
YUV	120.3540, 46.6605, -32.7595
Hunter-Lab	45.1885, 10.4708, -56.3239

Details

The YUV color `120.3540, 46.6605, -32.7595` 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 `177.6460, -46.6605, 32.7595`, and the grayscale version is `120.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `173.3780, 40.2396, -26.6415`, and `61.0910, 48.7621, -53.5768` is the 20% darker color. If you saturate the color by 10%, you get `105.2700, 54.0969, -37.9478`, and if you desaturate by 10%, it is `135.7370, 39.0767, -26.9563`.

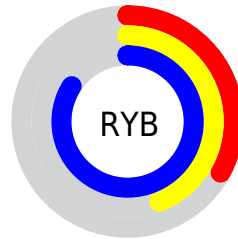
Distribution



Red (33%)

Green (47%)

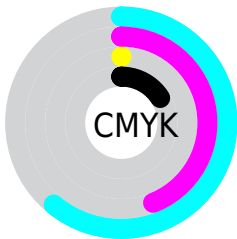
Blue (84%)



Red (33%)

Yellow (44%)

Blue (84%)

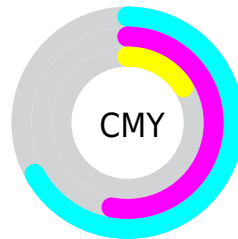


Cyan (61%)

Magenta (44%)

Yellow (0%)

Black (16%)



Cyan (67%)

Magenta (53%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3540, 46.6605, -32.7595 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 120.3540, 46.6605, -32.7595 by changing the saturation by 10% instead.

■ 120.3540, 46.6605,
-32.7595

■ 120.3540, 46.6605,
-32.7595

255.0000, 0.0000,
0.0000

■ 92.3210, 46.6767,
-37.9925

■ 173.3780, 40.2396,
-26.6415

■ 61.0910, 48.7621,
-53.5768

■ 197.8980, 28.1513,
-22.7125

■ 45.0990, 43.3352,
-39.5518

■ 223.3040, 15.6261,
-18.6836

■ 30.3950, 37.7663,
-26.6564

■ 248.1230, 3.3904,
-14.1399

■ 13.4570, 33.7917,
-11.8018

■ 10.1340, 23.5979,
-8.8875

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 120.3540, 46.6605,
-32.7595

■ 120.3540, 46.6605,
-32.7595

■ 105.2700, 54.0969,
-37.9478

■ 135.7370, 39.0767,
-26.9563

■ 89.3000, 61.9701,
-43.2361

■ 151.4080, 31.3509,
-22.2828

■ 74.2160, 69.4065,
-48.4244

■ 166.7910, 23.7670,
-16.4797

■ 60.9040, 75.9693,
-53.4128

■ 181.8750, 16.3306,
-11.2914

■ 197.8450, 8.4574,
-6.0031

■ 212.9290, 1.0210,
-0.8147

■ 228.3120, -6.5628,
4.9884

■ 243.3960,
-13.9992, 10.1767

■ 250.4400,
-17.4719, 3.9991

Harmonies

Analogous

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



104.4560, 54.9912, -91.6079



120.3540, 46.6605, -32.7595



128.7870, 30.1780, 27.3738

Triad

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



120.3540, 46.6605, -32.7595



121.8670, -31.4864, 65.8916



97.2160, 1.8655, -85.2584

Complementary

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



120.3540, 46.6605, -32.7595



177.6460, -46.6605, 32.7595

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.



108.8960, -26.0777, -35.8658



120.3540, 46.6605, -32.7595



119.8750, -47.2664, 40.4516

Square

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



120.3540, 46.6605, -32.7595



121.8510, -10.2795, 77.3067



115.8940, -46.2897, 7.1090



103.3890, 22.9792, -90.6722

Rectangle

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



120.3540, 46.6605, -32.7595



126.7490, 17.8717, 54.5941



115.8940, -46.2897, 7.1090



94.3320, -4.1077, -82.7292

Sweetspot

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



120.3540, 46.6605, -32.7595



221.8750, 16.3306, -11.2914



170.9720, 1.9858, -77.1514



107.5890, 10.0626, -7.5326



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.



120.3540, 46.6605, -32.7595



119.8310, 66.6383, -47.2098



105.8220, 53.8248, 2.7871



99.0150, 3.9366, -2.6442



48.2570, 60.5123, -42.3214



11.9460, 15.3096, -10.4766

Inverse Universe

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



126.8000, -2.8594, 77.3514



128.7810, -3.8360, 110.6941



192.1780, -53.8248, -2.7871



99.6310, -0.3111, 6.4626



56.7150, -3.8035, 100.2279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 120.3540, 46.6605, -32.7595 looks on a white background.

Color Contrast Check

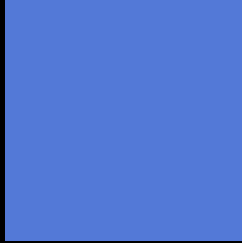
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.3540, 46.6605, -32.7595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

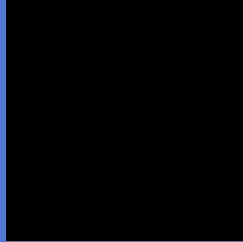
Any Text WCAG AA ✓ Pass

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 120.3540, 46.6605, -32.7595 Background



This preview shows how black text looks on a background with the YUV color 120.3540, 46.6605, -32.7595.



This preview shows how white text looks on a background with the YUV color 120.3540, 46.6605, -32.7595.

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

120.3540, 46.6605, -32.7595

Protanopia

120.0550, 46.8079, -33.3742

Deuteranopia

114.8030, 48.9041, -52.4472



Tritanopia

111.5400, 17.4818, -53.9706

Trichromacy



Original Color

120.3540, 46.6605, -32.7595

Protanomaly

120.0550, 46.8079, -33.3742

Deuteranomaly

116.6190, 48.0088, -45.2699

Tritanomaly

115.0430, 28.0798, -46.5187

Monochromacy



Original Color

120.3540, 46.6605, -32.7595

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1030, 17.2042, -11.4913

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3540, 46.6605, -32.7595 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(83, 121, 215)` looks like.

```
.text, #text, p{  
    color:rgb(83, 121, 215)  
}
```

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(83, 121, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 121, 215) }
```

Border

The CSS property to change the border of an element to YUV 120.3540, 46.6605, -32.7595 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(83, 121, 215) }
```


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

```
.border{ border-color:rgb(83, 121, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 121, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 121, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 121, 215);  
box-shadow:4px 4px 4px 4px rgb(83, 121,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 120.3540, 46.6605, -32.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 121, 215) }
```

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

```
.background{ background-color: rgb(83, 121,  
215) }
```

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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