

Converting Colors

YUV(146.2590, 30.4383,
-56.3551)

Have a look what the booklet for
YUV(146.2590, 30.4383, -56.3551)
contains.

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Color

**YUV(146.2590, 30.4383,
-56.3551)**

Conversions

Conversions Part 1

Format	Color
Hex	52A7D0
RGB	82, 167, 208
RGB Percent	32%, 65%, 82%
CMY	0.6784, 0.3451, 0.1843
CMYK	0.61, 0.20, 0.00, 0.18
HSL	200°, 57%, 57%
HSV	200°, 61%, 82%
XYZ	28.6836, 33.9853, 64.7226
YIQ	146.2590, -63.8210, -5.2690

Conversions

Conversions Part 2

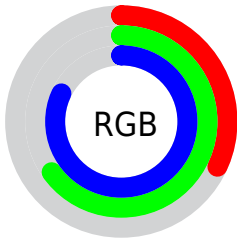
Format	Color
R _Y B	82, 133, 208
Decimal	5416912
CIE Lab	64.95, -13.55, -28.59
CIE LCh	65, 31.639, 244.646
Yxy	33.9853, 0.2252, 0.2668
Android (android.graphics.Color)	4283606992 (0xFF52A7D0)
YUV	146.2590, 30.4383, -56.3551
Hunter-Lab	58.2969, -14.1932, -25.0172

Details

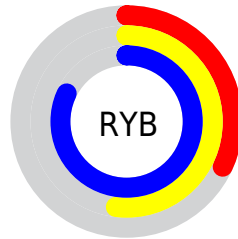
The YUV color **146.2590, 30.4383, -56.3551** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **143.7410, -30.4383, 56.3551**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.8420, 26.2069, -52.4814**, and **84.9470, 33.5501, -74.4985** is the 20% darker color. If you saturate the color by 10%, you get **135.8710, 35.5596, -65.6619**, and if you desaturate by 10%, it is **156.6470, 25.3170, -47.0484**.

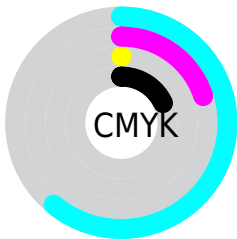
Distribution



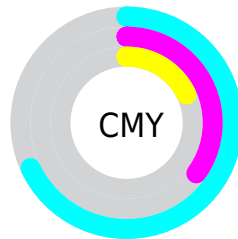
- Red (32%)
- Green (65%)
- Blue (82%)



- Red (32%)
- Yellow (52%)
- Blue (82%)



- Cyan (61%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (68%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.2590, 30.4383, -56.3551 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 146.2590, 30.4383, -56.3551 by changing the saturation by 10% instead.

■ 146.2590, 30.4383,
-56.3551

■ 146.2590, 30.4383,
-56.3551

■ 255.0000, 0.0000,
0.0000

■ 117.9380, 30.5966,
-60.4586

■ 201.8420, 26.2069,
-52.4814

■ 84.9470, 33.5501,
-74.4985

■ 227.5360, 13.5398,
-49.5821

■ 67.3080, 29.4282,
-59.0291

■ 238.5550, 8.1074,
-33.8127

■ 50.9570, 25.1642,
-44.6893

■ 247.5250, 3.6852,
-15.3694

■ 35.3070, 21.0476,
-30.9642

■ 20.9450, 16.7891,
-18.3688

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 146.2590, 30.4383,
-56.3551

■ 146.2590, 30.4383,
-56.3551

■ 135.8710, 35.5596,
-65.6619

■ 156.6470, 25.3170,
-47.0484

■ 125.4830, 40.6809,
-74.9686

■ 167.0350, 20.1957,
-37.7417

■ 115.9810, 45.3654,
-84.1753

■ 176.5370, 15.5113,
-28.5349

■ 105.8920, 50.3392,
-92.8673

■ 186.9250, 10.3900,
-19.2282

■ 197.3130, 5.2687,
-9.9215

■ 207.7010, 0.1474,
-0.6148

■ 217.5020, -4.6845,
9.2067

■ 227.5910, -9.6584,
17.8987

■ 233.7930,
-12.7159, 18.5985

Harmonies

Analogous

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



139.8520, 24.2300, -71.7842



146.2590, 30.4383, -56.3551



155.4030, 28.8883, -25.7864

Triad

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



146.2590, 30.4383, -56.3551



160.7760, -3.3406, 44.9234



151.8530, -20.6335, -8.6411

Complementary

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



146.2590, 30.4383, -56.3551



143.7410, -30.4383, 56.3551

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.



155.4000, -26.8192, 15.4352



146.2590, 30.4383, -56.3551



159.1600, -15.8549, 45.4637

Square

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



146.2590, 30.4383, -56.3551



161.8310, 9.9433, 30.8432



157.9770, -25.1317, 34.2232



148.0160, -7.8959, -34.2170

Rectangle

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



146.2590, 30.4383, -56.3551



159.0960, 24.6027, -4.4692



157.9770, -25.1317, 34.2232



153.3980, -23.8602, -0.3490

Sweetspot

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



146.2590, 30.4383, -56.3551



232.4410, 11.1216, -20.5578



160.5220, -18.9913, -68.8638



113.4590, 7.1687, -12.6805



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.



146.2590, 30.4383, -56.3551



163.5790, 45.0706, -82.9458



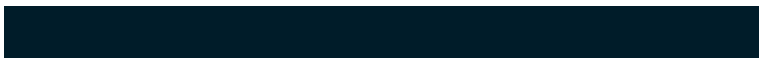
109.8650, 48.3806, -24.4376



99.3630, 2.7790, -4.7034



86.0700, 40.3915, -75.4834



21.1100, 9.8058, -18.5135

Inverse Universe

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



129.3640, 18.5545, 68.9638



138.8640, 27.1820, 101.8513



180.1350, -48.3806, 24.4376



98.0870, 1.4361, 6.0627



63.2280, 25.0306, 91.8850



15.4510, 6.1867, 22.4065

Previews

White Background



This preview shows how the YUV color 146.2590, 30.4383, -56.3551 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 146.2590, 30.4383, -56.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

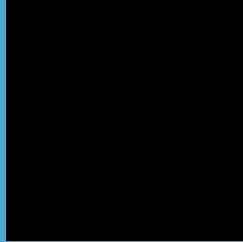
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.2590, 30.4383, -56.3551 Background



This preview shows how black text looks on a background with the YUV color 146.2590, 30.4383, -56.3551.

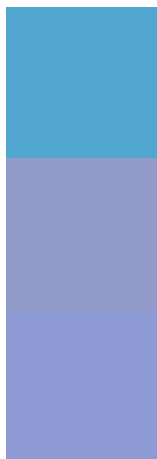


This preview shows how white text looks on a background with the YUV color 146.2590, 30.4383, -56.3551.

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

146.2590, 30.4383, -56.3551

Protanopia

157.3250, 20.5458, -9.9320

Deuteranopia

156.9100, 26.6664, -13.0761



Tritanopia

142.9950, 20.7085, -62.2626

Trichromacy



Original Color

146.2590, 30.4383, -56.3551

Protanomaly

153.1380, 24.0890, -26.4310

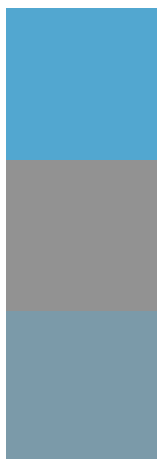
Deuteranomaly

153.1530, 28.0256, -29.0752

Tritanomaly

144.5160, 23.9026, -60.0885

Monochromacy



Original Color

146.2590, 30.4383, -56.3551

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.4410, 11.1216, -20.5578

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2590, 30.4383, -56.3551 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(82, 167, 208)` looks like.

```
.text, #text, p{  
    color:rgb(82, 167, 208)  
}
```

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(82, 167, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 167, 208) }
```

Border

The CSS property to change the border of an element to YUV 146.2590, 30.4383, -56.3551 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(82, 167, 208) }
```


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

```
.border{ border-color:rgb(82, 167, 208) }
```

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

Here you see how a box with a 4 pixel rgb(82, 167, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 167, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 167, 208);  
box-shadow:4px 4px 4px 4px rgb(82, 167,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 146.2590, 30.4383, -56.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 167, 208) }
```

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

```
.background{ background-color: rgb(82, 167,  
208) }
```

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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