

Converting Colors

YUV(176.2590, 30.4383,
-56.3551)

Have a look what the booklet for
YUV(176.2590, 30.4383, -56.3551)
contains.

YUV(176.2590, 30.4383, -56.3551)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(176.2590, 30.4383,
-56.3551)**

Conversions

Conversions Part 1

Format	Color
Hex	70C5EE
RGB	112, 197, 238
RGB Percent	44%, 77%, 93%
CMY	0.5608, 0.2275, 0.0667
CMYK	0.53, 0.17, 0.00, 0.07
HSL	200°, 79%, 69%
HSV	200°, 53%, 93%
XYZ	42.0810, 49.5503, 88.2352
YIQ	176.2590, -63.8210, -5.2690

Conversions

Conversions Part 2

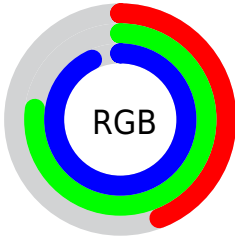
Format	Color
R _Y B	112, 163, 238
Decimal	7390702
CIE Lab	75.79, -14.57, -28.20
CIE LCh	76, 31.743, 242.669
Yxy	49.5503, 0.2340, 0.2755
Android (android.graphics.Color)	4285580782 (0xFF70C5EE)
YUV	176.2590, 30.4383, -56.3551
Hunter-Lab	70.3920, -16.4770, -25.0447

Details

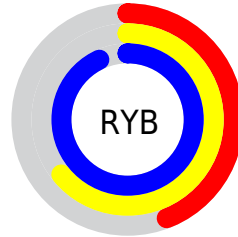
The YUV color **176.2590, 30.4383, -56.3551** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **173.7410, -30.4383, 56.3551**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2970, 12.6716, -51.1265**, and **119.0410, 31.0388, -62.3030** is the 20% darker color. If you saturate the color by 10%, you get **164.3870, 36.2912, -66.9914**, and if you desaturate by 10%, it is **188.1310, 24.5854, -45.7189**.

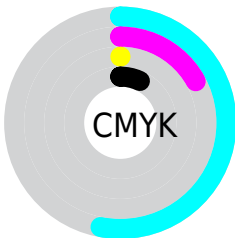
Distribution



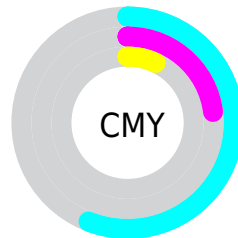
- Red (44%)
- Green (77%)
- Blue (93%)



- Red (44%)
- Yellow (64%)
- Blue (93%)



- Cyan (53%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (56%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.2590, 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 176.2590, 30.4383, -56.3551 by changing the saturation by 10% instead.

■ 176.2590, 30.4383,
-56.3551

■ 176.2590, 30.4383,
-56.3551

255.0000, 0.0000,
0.0000

■ 148.2480, 30.4437,
-58.0995

■ 229.2970, 12.6716,
-51.1265

■ 119.0410, 31.0388,
-62.3030

■ 238.5550, 8.1074,
-33.8127

■ 86.9360, 33.5556,
-76.2429

■ 247.5250, 3.6852,
-15.3694

■ 69.2970, 29.4336,
-60.7735

■ 52.3590, 25.4590,
-45.9188

■ 36.5950, 20.9057,
-32.0938

■ 22.2330, 16.6471,

-19.4983

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 176.2590, 30.4383,
-56.3551

■ 176.2590, 30.4383,
-56.3551

■ 164.3870, 36.2912,
-66.9914

■ 188.1310, 24.5854,
-45.7189

■ 153.1020, 41.8547,
-78.1425

■ 199.4160, 19.0219,
-34.5678

■ 141.5290, 47.5602,
-88.1639

■ 210.9890, 13.3164,
-24.5464

■ 129.6570, 53.4131,
-98.8002

■ 222.8610, 7.4635,
-13.9101

■ 121.6390, 57.3660,
-106.6774

■ 234.7330, 1.6106,
-3.2738

■ 246.0180, -3.9529,
7.8772

■ 250.7140, -6.2680,
3.7588

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



171.1190, 22.6193, -68.5104



176.2590, 30.4383, -56.3551



184.6200, 29.7673, -27.7307

Triad

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



176.2590, 30.4383, -56.3551



190.6020, -2.7618, 45.9530



181.8100, -22.0913, -7.7264

Complementary

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



176.2590, 30.4383, -56.3551



173.7410, -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.



185.0690, -28.1350, 17.4795



176.2590, 30.4383, -56.3551



189.4700, -16.0077, 47.8228

Square

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



176.2590, 30.4383, -56.3551



191.1730, 11.2537, 30.5433



187.5860, -25.4319, 37.1971



177.0870, -8.9169, -33.4023

Rectangle

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



176.2590, 30.4383, -56.3551



188.4270, 25.9185, -6.5135



187.5860, -25.4319, 37.1971



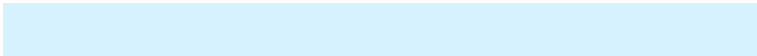
182.7680, -25.0286, 1.0805

Sweetspot

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



176.2590, 30.4383, -56.3551



235.1100, 9.8058, -18.5135



190.5220, -18.9913, -68.8638



115.8290, 6.0003, -11.2510



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.



176.2590, 30.4383, -56.3551



175.1520, 39.3651, -72.9243



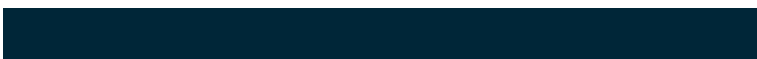
139.8650, 48.3806, -24.4376



114.0640, 2.9264, -5.3181



93.7640, 44.4863, -82.2310



28.6900, 13.4638, -25.1611

Inverse Universe

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



159.3640, 18.5545, 68.9638



153.2770, 24.0204, 89.2111



210.1350, -48.3806, 24.4376



112.5000, 1.7255, 6.5775



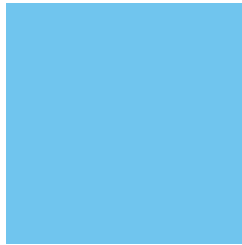
69.1520, 27.0401, 100.7217



21.0760, 8.3435, 30.6283

Previews

White Background



This preview shows how the YUV color 176.2590, 30.4383, -56.3551 looks on a white background.

Color Contrast Check

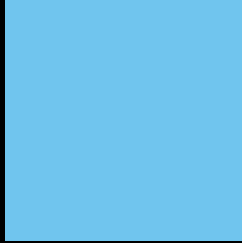
Large Text (above 18pt) WCAG AA × Fail

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 176.2590, 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 176.2590, 30.4383, -56.3551 Background



This preview shows how black text looks on a background with the YUV color 176.2590, 30.4383, -56.3551.



This preview shows how white text looks on a background with the YUV color 176.2590, 30.4383, -56.3551.

-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

176.2590, 30.4383, -56.3551

Protanopia

186.4390, 20.9826, -10.0320

Deuteranopia

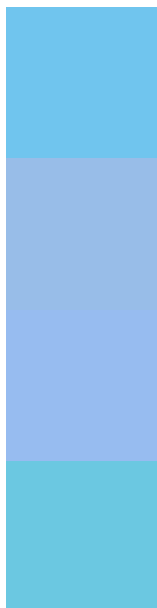
186.9210, 26.6609, -11.3317



Tritanopia

173.8210, 21.2872, -61.2330

Trichromacy



Original Color

176.2590, 30.4383, -56.3551

Protanomaly

182.8390, 24.2364, -27.0458

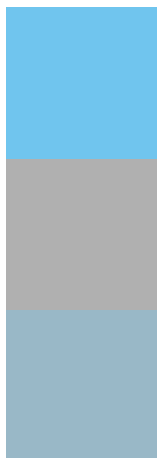
Deuteranomaly

182.8650, 28.1676, -27.9456

Tritanomaly

175.0430, 24.6288, -59.6737

Monochromacy



Original Color

176.2590, 30.4383, -56.3551

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.4410, 11.1216, -20.5578

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2590, 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(112, 197, 238)` looks like.

```
.text, #text, p{  
    color:rgb(112, 197, 238)  
}
```

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(112, 197, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 197, 238) }
```

Border

The CSS property to change the border of an element to YUV 176.2590, 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(112, 197, 238) }
```


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

```
.border{ border-color:rgb(112, 197, 238) }
```

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

Here you see how a box with a 4 pixel rgb(112, 197, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 197, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 197, 238);  
box-shadow:4px 4px 4px 4px rgb(112, 197,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 176.2590, 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(112, 197, 238) }
```

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

```
.background{ background-color: rgb(112,  
197, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor