

Converting Colors

YUV(151.6300, 44.5524,
-56.6805)

Have a look what the booklet for
YUV(151.6300, 44.5524, -56.6805)
contains.

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Color

**YUV(151.6300, 44.5524,
-56.6805)**

Conversions

Conversions Part 1

Format	Color
Hex	57A7F2
RGB	87, 167, 242
RGB Percent	34%, 65%, 95%
CMY	0.6588, 0.3451, 0.0510
CMYK	0.64, 0.31, 0.00, 0.05
HSL	209°, 86%, 65%
HSV	209°, 64%, 95%
XYZ	33.7762, 36.0745, 89.1873
YIQ	151.6300, -71.7550, 6.3650

Conversions

Conversions Part 2

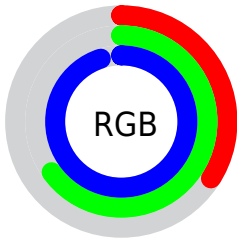
Format	Color
R _Y B	87, 140, 242
Decimal	5744626
CIE Lab	66.58, -1.78, -44.76
CIE LCh	67, 44.792, 267.724
Yxy	36.0745, 0.2124, 0.2268
Android (android.graphics.Color)	4283934706 (0xFF57A7F2)
YUV	151.6300, 44.5524, -56.6805
Hunter-Lab	60.0620, -4.7281, -45.9975

Details

The YUV color **151.6300, 44.5524, -56.6805** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **177.3700, -44.5524, 56.6805**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9350, 25.1750, -48.1780**, and **88.5950, 47.5277, -77.6978** is the 20% darker color. If you saturate the color by 10%, you get **137.4100, 51.5629, -65.2576**, and if you desaturate by 10%, it is **165.8500, 37.5419, -48.1034**.

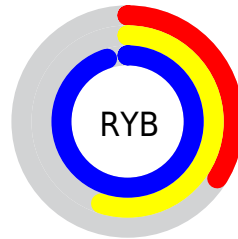
Distribution



Red (34%)

Green (65%)

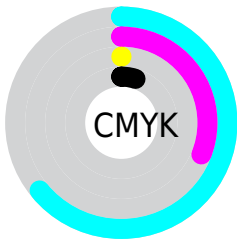
Blue (95%)



Red (34%)

Yellow (55%)

Blue (95%)

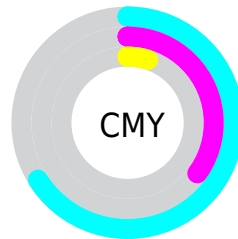


Cyan (64%)

Magenta (31%)

Yellow (0%)

Black (5%)



Cyan (66%)

Magenta (35%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.6300, 44.5524, -56.6805 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 151.6300, 44.5524, -56.6805 by changing the saturation by 10% instead.

■ 151.6300, 44.5524,
-56.6805

■ 151.6300, 44.5524,
-56.6805

255.0000, 0.0000,
0.0000

■ 121.9990, 44.8635,
-63.1431

■ 203.9350, 25.1750,
-48.1780

■ 88.5950, 47.5277,
-77.6978

■ 229.6400, 12.5025,
-43.5343

■ 71.4290, 42.6795,
-62.6432

■ 241.5450, 6.6333,
-27.6650

■ 54.9640, 37.9787,
-48.2034

■ 250.5150, 2.2111,
-9.2217

■ 39.0860, 32.9886,
-34.2784

■ 25.0830, 27.5671,
-21.9978

■ 9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 151.6300, 44.5524,
-56.6805

■ 151.6300, 44.5524,
-56.6805

■ 137.4100, 51.5629,
-65.2576

■ 165.8500, 37.5419,
-48.1034

■ 123.7770, 58.2839,
-74.3494

■ 179.4830, 30.8209,
-39.0116

■ 109.2580, 65.4418,
-83.5413

■ 194.0020, 23.6630,
-29.8198

■ 100.9630, 69.5312,
-88.5446

■ 208.2220, 16.6526,
-21.2427

■ 222.4420, 9.6421,
-12.6656

■ 236.0750, 2.9210,
-3.5738

■ 249.9960, -3.9420,
4.3885

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



130.0050, 48.8045, -114.0144



151.6300, 44.5524, -56.6805



164.5120, 33.7646, -3.0800

Triad

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



151.6300, 44.5524, -56.6805



162.8250, -17.6617, 65.0515



148.0120, -15.2889, -42.9835

Complementary

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



151.6300, 44.5524, -56.6805



177.3700, -44.5524, 56.6805

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.



154.9600, -33.0113, -5.2269



151.6300, 44.5524, -56.6805



161.1380, -32.6060, 51.6220

Square

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



151.6300, 44.5524, -56.6805



165.0260, 0.9732, 61.3672



158.9640, -38.9293, 26.3416



124.7320, 15.9081, -109.3900

Rectangle

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



151.6300, 44.5524, -56.6805



166.2830, 24.5105, 25.1848



158.9640, -38.9293, 26.3416



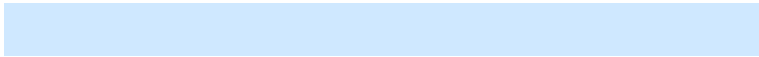
150.3790, -21.8788, -29.2734

Sweetspot

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



151.6300, 44.5524, -56.6805



227.1470, 13.7315, -17.6689



186.5350, -12.0958, -87.2922



110.2250, 8.7631, -10.7213



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.



151.6300, 44.5524, -56.6805



140.6310, 56.3839, -71.5904



106.4310, 66.8355, -17.0410



112.8900, 3.5052, -4.2885



76.7410, 52.8787, -67.3019



23.4070, 16.0683, -20.5279

Inverse Universe

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



142.4650, 12.0958, 87.2922



129.1180, 15.2248, 110.3985



222.5690, -66.8355, 17.0410



112.2720, 0.8519, 6.7775



65.8460, 14.3729, 103.6211



20.0500, 4.4123, 31.5282

Previews

White Background



This preview shows how the YUV color 151.6300, 44.5524, -56.6805 looks on a white background.

Color Contrast Check

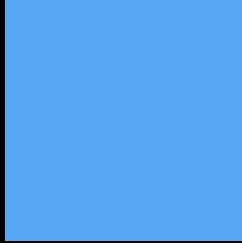
Large Text (above 18pt) WCAG AA × Fail

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 151.6300, 44.5524, -56.6805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

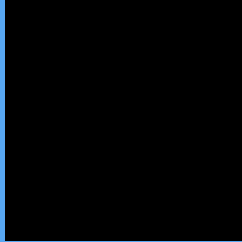
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

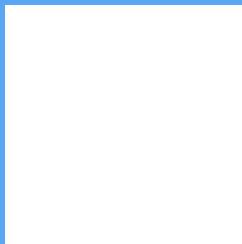
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.6300, 44.5524, -56.6805

Background



This preview shows how black text looks on a background with the YUV color 151.6300, 44.5524, -56.6805.



This preview shows how white text looks on a background with the YUV color 151.6300, 44.5524, -56.6805.

-56.6805.

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

151.6300, 44.5524, -56.6805

Protanopia

160.2000, 36.8764, -21.2234

Deuteranopia

158.2140, 42.2925, -31.7597



Tritanopia

143.6130, 23.3618, -73.3286

Trichromacy



Original Color

151.6300, 44.5524, -56.6805

Protanomaly

156.9210, 39.9719, -34.1337

Deuteranomaly

155.9740, 42.9038, -41.1962

Tritanomaly

146.4210, 31.3444, -67.0212

Monochromacy



Original Color

151.6300, 44.5524, -56.6805

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.5210, 16.5051, -20.6279

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6300, 44.5524, -56.6805 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(87, 167, 242)` looks like.

```
.text, #text, p{  
    color:rgb(87, 167, 242)  
}
```

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(87, 167, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 167, 242) }
```

Border

The CSS property to change the border of an element to YUV 151.6300, 44.5524, -56.6805 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(87, 167, 242) }
```


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

```
.border{ border-color:rgb(87, 167, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 167, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 167, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 167, 242);  
box-shadow:4px 4px 4px 4px rgb(87, 167,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 151.6300, 44.5524, -56.6805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 167, 242) }
```

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

```
.background{ background-color: rgb(87, 167,  
242) }
```

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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