

Converting Colors

YUV(156.7390, 42.5267,
-60.2841)

Have a look what the booklet for
YUV(156.7390, 42.5267, -60.2841)
contains.

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Color

**YUV(156.7390, 42.5267,
-60.2841)**

Conversions

Conversions Part 1

Format	Color
Hex	58AFF3
RGB	88, 175, 243
RGB Percent	35%, 69%, 95%
CMY	0.6549, 0.3137, 0.0471
CMYK	0.64, 0.28, 0.00, 0.05
HSL	206°, 87%, 65%
HSV	206°, 64%, 95%
XYZ	35.5321, 39.2057, 90.4887
YIQ	156.7390, -73.6800, 2.7040

Conversions

Conversions Part 2

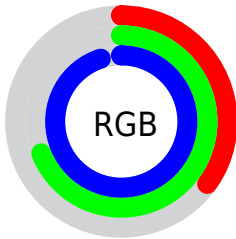
Format	Color
R _Y B	88, 144, 243
Decimal	5812211
CIE Lab	68.90, -5.76, -41.66
CIE LCh	69, 42.053, 262.129
Yxy	39.2057, 0.2151, 0.2373
Android (android.graphics.Color)	4284002291 (0xFF58AFF3)
YUV	156.7390, 42.5267, -60.2841
Hunter-Lab	62.6145, -8.2811, -41.8542

Details

The YUV color **156.7390, 42.5267, -60.2841** 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 **174.2610, -42.5267, 60.2841**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2290, 22.5651, -51.0668**, and **93.4050, 45.6493, -81.9162** is the 20% darker color. If you saturate the color by 10%, you get **143.1060, 49.2477, -69.3760**, and if you desaturate by 10%, it is **170.3720, 35.8056, -51.1922**.

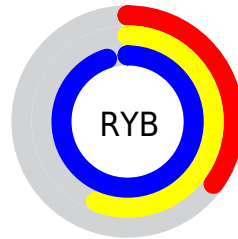
Distribution



Red (35%)

Green (69%)

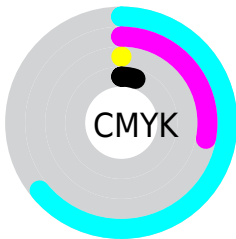
Blue (95%)



Red (35%)

Yellow (56%)

Blue (95%)

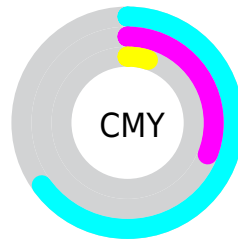


Cyan (64%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (65%)

Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.7390, 42.5267, -60.2841 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 156.7390, 42.5267, -60.2841 by changing the saturation by 10% instead.

■ 156.7390, 42.5267,
-60.2841

■ 156.7390, 42.5267,
-60.2841

255.0000, 0.0000,
0.0000

■ 126.5210, 43.1271,
-66.2319

■ 209.2290, 22.5651,
-51.0668

■ 93.4050, 45.6493,
-81.9162

■ 232.8740, 10.9081,
-45.4935

■ 75.6520, 41.0906,
-66.3468

■ 241.8440, 6.4859,
-27.0502

■ 59.1870, 36.3898,
-51.9070

■ 251.1130, 1.9163,
-7.9921

■ 42.7220, 31.6891,
-37.4672

■ 28.2460, 26.9937,
-24.7717

■ 10.2480, 24.0347,

-8.9875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 156.7390, 42.5267,
-60.2841

■ 156.7390, 42.5267,
-60.2841

■ 143.1060, 49.2477,
-69.3760

■ 170.3720, 35.8056,
-51.1922

■ 129.7610, 55.8268,
-79.5974

■ 183.7170, 29.2265,
-40.9708

■ 116.1280, 62.5479,
-88.6893

■ 197.3500, 22.5055,
-31.8789

■ 107.5340, 66.7847,
-94.3073

■ 210.9830, 15.7844,
-22.7871

■ 224.0290, 9.3527,
-13.1804

■ 237.9610, 2.4842,
-3.4738

■ 250.6970, -3.7946,
3.7737

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

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



133.8860, 45.9052, -117.4180



156.7390, 42.5267, -60.2841



169.2830, 34.3705, -10.7722

Triad

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



156.7390, 42.5267, -60.2841



169.7260, -14.1619, 62.5073



156.9810, -18.2316, -32.4323

Complementary

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



156.7390, 42.5267, -60.2841



174.2610, -42.5267, 60.2841

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.



162.7050, -32.8856, 1.1357



156.7390, 42.5267, -60.2841



168.3600, -29.2645, 53.1813

Square

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



156.7390, 42.5267, -60.2841



172.3780, 3.7576, 54.9195



165.6810, -36.3247, 30.9748



146.3900, 4.7377, -73.1330

Rectangle

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



156.7390, 42.5267, -60.2841



172.2820, 25.9900, 17.2927



165.6810, -36.3247, 30.9748



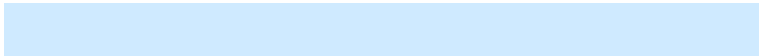
159.1520, -24.2319, -21.1813

Sweetspot

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



156.7390, 42.5267, -60.2841



228.3210, 13.1527, -18.6985



186.6230, -15.5901, -86.4924



111.3990, 8.1843, -11.7509



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.



156.7390, 42.5267, -60.2841



145.9140, 53.7794, -76.2236



111.5400, 64.8098, -20.6446



115.4770, 3.2158, -4.8033



82.2520, 51.1478, -72.1350



26.0970, 16.2212, -22.8871

Inverse Universe

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



144.2630, 15.1533, 86.5923



130.1440, 19.1560, 109.4987



219.4600, -64.8098, 20.6446



114.3860, 1.2887, 6.6775



67.4700, 18.0093, 103.9508



21.4030, 5.7173, 32.9726

Previews

White Background



This preview shows how the YUV color 156.7390, 42.5267, -60.2841 looks on a white background.

Color Contrast Check

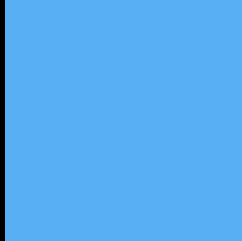
Large Text (above 18pt) WCAG AA × Fail

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 156.7390, 42.5267, -60.2841 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

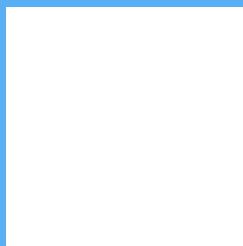
Any Text WCAG AAA ✓ Pass

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

YUV 156.7390, 42.5267, -60.2841 Background



This preview shows how black text looks on a background with the YUV color 156.7390, 42.5267, -60.2841.



This preview shows how white text looks on a background with the YUV color 156.7390, 42.5267, -60.2841.

-60.2841.

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

156.7390, 42.5267, -60.2841

Protanopia

167.2990, 33.3766, -18.6792

Deuteranopia

165.4380, 39.2241, -27.5711



Tritanopia

149.4280, 23.9460, -74.0434

Trichromacy



Original Color

156.7390, 42.5267, -60.2841

Protanomaly

163.7100, 36.6250, -33.9487

Deuteranomaly

162.0020, 40.4250, -39.4668

Tritanomaly

151.8830, 30.6237, -69.1804

Monochromacy



Original Color

156.7390, 42.5267, -60.2841

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.1680, 15.2002, -22.0723

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.7390, 42.5267, -60.2841 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, 175, 243)` looks like.

```
.text, #text, p{  
    color:rgb(88, 175, 243)  
}
```

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, 175, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 175, 243) }
```

Border

The CSS property to change the border of an element to YUV 156.7390, 42.5267, -60.2841 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, 175, 243) }
```


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

```
.border{ border-color:rgb(88, 175, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 175, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 175, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 175, 243);  
box-shadow:4px 4px 4px 4px rgb(88, 175,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 156.7390, 42.5267, -60.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 175, 243) }
```

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

```
.background{ background-color: rgb(88, 175,  
243) }
```

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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