

Converting Colors

YUV(156.3130, 48.6527,
-65.1725)

Have a look what the booklet for
YUV(156.3130, 48.6527, -65.1725)
contains.

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Color

**YUV(156.3130, 48.6527,
-65.1725)**

Conversions

Conversions Part 1

Format	Color
Hex	52AFFF
RGB	82, 175, 255
RGB Percent	32%, 69%, 100%
CMY	0.6784, 0.3137, 0.0000
CMYK	0.68, 0.31, 0.00, 0.00
HSL	208°, 100%, 66%
HSV	208°, 68%, 100%
XYZ	36.8596, 39.6738, 100.3228
YIQ	156.3130, -81.1080, 5.1640

Conversions

Conversions Part 2

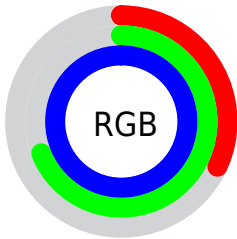
Format	Color
R _{YB}	82, 142, 255
Decimal	5419007
CIE Lab	69.24, -2.78, -47.66
CIE LCh	69, 47.736, 266.663
Yxy	39.6738, 0.2084, 0.2243
Android (android.graphics.Color)	4283609087 (0xFF52AFFF)
YUV	156.3130, 48.6527, -65.1725
Hunter-Lab	62.9871, -5.7705, -50.3432

Details

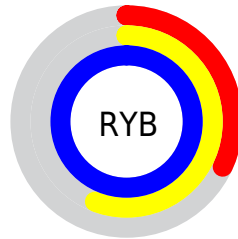
The YUV color **156.3130, 48.6527, -65.1725** is a light color, and the websafe version is hex **0099FF**. The color can be described as light muted azure. A complement of this color would be **180.6870, -48.6527, 65.1725**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.3320, 23.0073, -52.9112**, and **94.7730, 50.8909, -83.1159** is the 20% darker color. If you saturate the color by 10%, you get **141.7940, 55.8106, -74.3643**, and if you desaturate by 10%, it is **170.8320, 41.4948, -55.9807**.

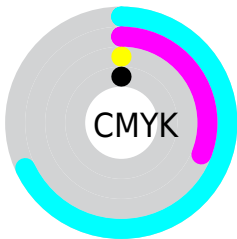
Distribution



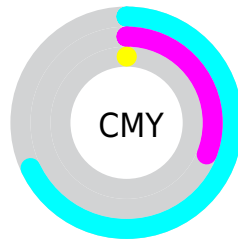
- Red (32%)
- Green (69%)
- Blue (100%)



- Red (32%)
- Yellow (56%)
- Blue (100%)



- Cyan (68%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.3130, 48.6527, -65.1725 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 156.3130, 48.6527, -65.1725 by changing the saturation by 10% instead.

■ 156.3130, 48.6527,
-65.1725

■ 156.3130, 48.6527,
-65.1725

255.0000, 0.0000,
0.0000

■ 125.1870, 49.7008,
-74.7090

■ 208.3320, 23.0073,
-52.9112

■ 94.7730, 50.8909,
-83.1159

■ 231.9770, 11.3503,
-47.3378

■ 76.9060, 45.8953,
-67.4466

■ 241.2460, 6.7807,
-28.2797

■ 60.3270, 40.7578,
-52.9068

■ 250.5150, 2.2111,
-9.2217

■ 44.4490, 35.7676,
-38.9818

■ 29.2720, 30.9249,
-25.6715

■ 12.4480, 27.3871,

-10.9169

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 156.3130, 48.6527,
-65.1725

■ 156.3130, 48.6527,
-65.1725

■ 141.7940, 55.8106,
-74.3643

■ 170.8320, 41.4948,
-55.9807

■ 126.9760, 63.1158,
-84.1710

■ 185.6500, 34.1896,
-46.1740

■ 113.0440, 69.9843,
-93.8776

■ 199.8810, 27.1737,
-35.8526

■ 109.4890, 71.7369,
-96.0219

■ 214.4000, 20.0158,
-26.6608

■ 229.2180, 12.7105,
-16.8542

■ 243.7370, 5.5527,
-7.6623

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



136.5420, 51.0048, -119.7473



156.3130, 48.6527, -65.1725



171.2990, 36.8276, -5.5242

Triad

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



156.3130, 48.6527, -65.1725



169.7440, -18.1148, 70.3845



154.2460, -16.8833, -44.9427

Complementary

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



156.3130, 48.6527, -65.1725



180.6870, -48.6527, 65.1725

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.



161.2760, -35.6321, -4.6271



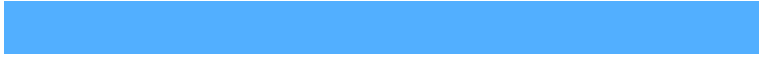
156.3130, 48.6527, -65.1725



168.0030, -34.5115, 56.1254

Square

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



156.3130, 48.6527, -65.1725



171.6890, 2.1253, 65.1707



165.5900, -41.7029, 29.3006



130.6990, 15.9244, -114.6230

Rectangle

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



156.3130, 48.6527, -65.1725



173.6790, 27.2733, 25.7145



165.5900, -41.7029, 29.3006



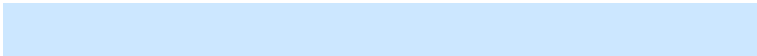
156.7980, -24.0574, -30.5178

Sweetspot

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



156.3130, 48.6527, -65.1725



225.6630, 14.4631, -18.9985



192.4430, -15.9944, -96.8585



109.9260, 8.9105, -11.3361



0.0000, 0.0000, 0.0000



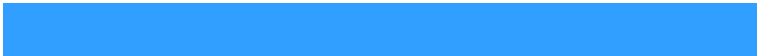
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



156.3130, 48.6527, -65.1725



136.7550, 58.2948, -77.8381



107.0050, 72.9615, -21.9294



120.5910, 3.6526, -4.9033



82.2350, 53.6211, -72.1201



27.2540, 18.1158, -23.9018

Inverse Universe

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



144.3290, 15.1208, 97.0585



122.5470, 17.9713, 116.1613



229.9950, -72.9615, 21.9294



119.6850, 1.1413, 7.2923



68.8510, 16.8355, 107.1247



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 156.3130, 48.6527, -65.1725 looks on a white background.

Color Contrast Check

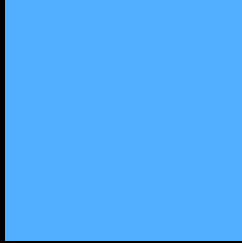
Large Text (above 18pt) WCAG AA × Fail

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 156.3130, 48.6527, -65.1725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

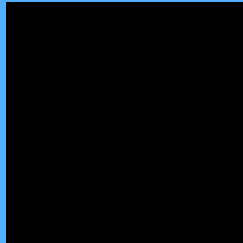
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

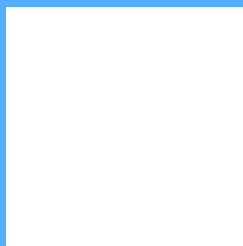
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 156.3130, 48.6527, -65.1725

Background



This preview shows how black text looks on a background with the YUV color 156.3130, 48.6527, -65.1725.



This preview shows how white text looks on a background with the YUV color 156.3130, 48.6527, -65.1725.

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

156.3130, 48.6527, -65.1725

Protanopia

167.1720, 39.3552, -22.9528

Deuteranopia

164.7730, 44.4819, -34.0039



Tritanopia

145.8500, 27.1890, -87.5684

Trichromacy



Original Color

156.3130, 48.6527, -65.1725

Protanomaly

163.5830, 42.6036, -38.2223

Deuteranomaly

161.7500, 45.9723, -45.3847

Tritanomaly

149.6690, 35.1662, -79.5167

Monochromacy



Original Color

156.3130, 48.6527, -65.1725

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.1400, 17.6790, -23.8018

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.3130, 48.6527, -65.1725 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, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(82, 175, 255)  
}
```

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, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 175, 255) }
```

Border

The CSS property to change the border of an element to YUV 156.3130, 48.6527, -65.1725 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, 175, 255) }
```


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

```
.border{ border-color:rgb(82, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(82, 175,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 156.3130, 48.6527, -65.1725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 175, 255) }
```

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

```
.background{ background-color: rgb(82, 175,  
255) }
```

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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