

Converting Colors

YUV(122.4310, 56.4825,
-56.5060)

Have a look what the booklet for
YUV(122.4310, 56.4825, -56.5060)
contains.

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Color

**YUV(122.4310, 56.4825,
-56.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	3A85ED
RGB	58, 133, 237
RGB Percent	23%, 52%, 93%
CMY	0.7725, 0.4784, 0.0706
CMYK	0.76, 0.44, 0.00, 0.07
HSL	215°, 83%, 58%
HSV	215°, 76%, 93%
XYZ	25.4185, 23.7890, 83.3728
YIQ	122.4310, -78.0840, 16.4440

Conversions

Conversions Part 2

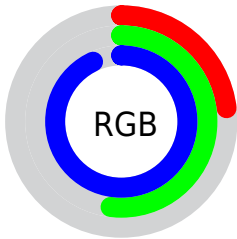
Format	Color
R_{YB}	58, 111, 237
Decimal	3835373
CIE _{Lab}	55.88, 12.33, -59.05
CIE _{LCh}	56, 60.321, 281.792
Yxy	23.7890, 0.1917, 0.1794
Android (android.graphics.Color)	4282025453 (0xFF3A85ED)
YUV	122.4310, 56.4825, -56.5060
Hunter-Lab	48.7740, 7.6706, -67.2068

Details

The YUV color **122.4310, 56.4825, -56.5060** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **172.5690, -56.4825, 56.5060**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5240, 38.6887, -42.5555**, and **69.8280, 54.3148, -61.2392** is the 20% darker color. If you saturate the color by 10%, you get **107.0370, 64.0718, -64.0534**, and if you desaturate by 10%, it is **137.8250, 48.8933, -48.9585**.

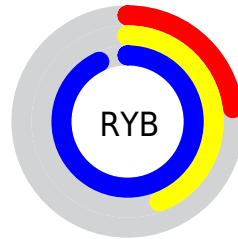
Distribution



Red (23%)

Green (52%)

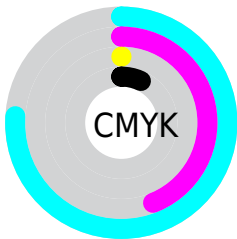
Blue (93%)



Red (23%)

Yellow (44%)

Blue (93%)

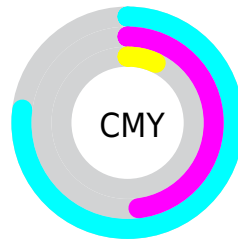


Cyan (76%)

Magenta (44%)

Yellow (0%)

Black (7%)



Cyan (77%)

Magenta (48%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.4310, 56.4825, -56.5060 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 122.4310, 56.4825, -56.5060 by changing the saturation by 10% instead.

■ 122.4310, 56.4825,
-56.5060

■ 122.4310, 56.4825,
-56.5060

255.0000, 0.0000,
0.0000

■ 87.1080, 59.5998,
-76.3937

■ 176.5240, 38.6887,
-42.5555

■ 69.8280, 54.3148,
-61.2392

■ 201.6420, 26.3055,
-37.3970

■ 53.8360, 48.8879,
-47.2142

■ 227.3470, 13.6329,
-32.7533

■ 38.4310, 43.1715,
-33.7040

■ 244.8340, 5.0118,
-20.9024

■ 25.0150, 37.4606,
-21.9382

■ 254.1030, 0.4422,
-1.8443

■ 13.9470, 30.5921,
-12.2315

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 122.4310, 56.4825,
-56.5060

■ 122.4310, 56.4825,
-56.5060

■ 107.0370, 64.0718,
-64.0534

■ 137.8250, 48.8933,
-48.9585

■ 91.9420, 71.5136,
-70.9861

■ 152.9200, 41.4514,
-42.0258

■ 85.1310, 74.8714,
-74.6599

■ 167.7270, 34.1516,
-33.9636

■ 183.1210, 26.5623,
-26.4161

■ 198.2160, 19.1205,
-19.4834

■ 213.6100, 11.5313,
-11.9360

■ 228.4170, 4.2314,
-3.8737

■ 243.8110, -3.3578,
3.6738

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



114.0250, 58.6547, -99.9999



122.4310, 56.4825, -56.5060



138.1760, 36.8882, 21.7706

Triad

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



122.4310, 56.4825, -56.5060



129.3460, -31.2296, 76.8726



102.8580, -1.9020, -90.2065

Complementary

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



122.4310, 56.4825, -56.5060



172.5690, -56.4825, 56.5060

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.



118.1540, -34.0929, -31.7071



122.4310, 56.4825, -56.5060



128.7900, -51.6615, 50.1732

Square

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



122.4310, 56.4825, -56.5060



129.4160, -7.1071, 86.4582



123.8490, -58.0996, 15.0414



110.8890, 21.2537, -97.2497

Rectangle

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



122.4310, 56.4825, -56.5060



136.2420, 23.5447, 55.0388



123.8490, -58.0996, 15.0414



100.3330, -9.0382, -87.9920

Sweetspot

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



122.4310, 56.4825, -56.5060



217.4010, 18.5363, -18.7687



174.5870, -7.6844, -102.2468



104.9090, 11.3839, -11.3212



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.



122.4310, 56.4825, -56.5060



106.3870, 73.2662, -73.1304



81.9940, 76.4180, -10.5187



109.6020, 3.6472, -3.1590



65.2460, 57.0667, -57.2207



19.0700, 17.2205, -16.7244

Inverse Universe

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



120.0710, 6.3740, 102.5467



103.4260, 8.1710, 132.9304



213.0060, -76.4180, 10.5187



109.7450, 0.1257, 6.3626



62.7830, 6.5160, 103.6763



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 122.4310, 56.4825, -56.5060 looks on a white background.

Color Contrast Check

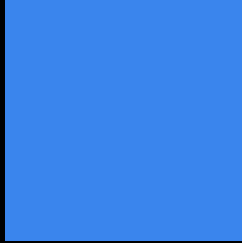
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.4310, 56.4825, -56.5060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

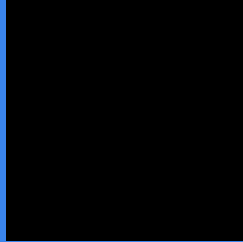
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

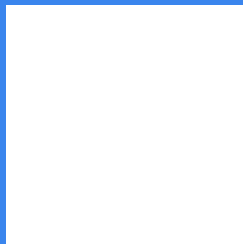
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 122.4310, 56.4825, -56.5060

Background



This preview shows how black text looks on a background with the YUV color 122.4310, 56.4825, -56.5060.



This preview shows how white text looks on a background with the YUV color 122.4310, 56.4825, -56.5060.

-56.5060.

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

122.4310, 56.4825, -56.5060

Protanopia

128.4010, 52.0603, -38.0627

Deuteranopia

116.9130, 58.7099, -70.9607



Tritanopia

105.0020, 26.6210, -92.0868

Trichromacy



Original Color

122.4310, 56.4825, -56.5060

Protanomaly

126.1120, 53.6818, -44.8252

Deuteranomaly

118.7180, 57.8200, -65.5277

Tritanomaly

111.5380, 37.2028, -79.4018

Monochromacy



Original Color

122.4310, 56.4825, -56.5060

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.2590, 20.5783, -20.3981

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.4310, 56.4825, -56.5060 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(58, 133, 237)` looks like.

```
.text, #text, p{  
    color:rgb(58, 133, 237)  
}
```

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(58, 133, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 133, 237) }
```

Border

The CSS property to change the border of an element to YUV 122.4310, 56.4825, -56.5060 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(58, 133, 237) }
```


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

```
.border{ border-color:rgb(58, 133, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 133, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(58, 133, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(58, 133, 237); box-shadow:4px 4px 4px 4px rgb(58, 133, 237) }
```

Background

The CSS property to change the background color of an element to YUV 122.4310, 56.4825, -56.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 133, 237) }
```

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

```
.background{ background-color: rgb(58, 133,  
237) }
```

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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