

Converting Colors

YUV(149.2710, 45.7154,
-56.3657)

Have a look what the booklet for
YUV(149.2710, 45.7154, -56.3657)
contains.

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Color

**YUV(149.2710, 45.7154,
-56.3657)**

Conversions

Conversions Part 1

Format	Color
Hex	55A4F2
RGB	85, 164, 242
RGB Percent	33%, 64%, 95%
CMY	0.6667, 0.3569, 0.0510
CMYK	0.65, 0.32, 0.00, 0.05
HSL	210°, 86%, 64%
HSV	210°, 65%, 95%
XYZ	33.0488, 34.8930, 88.9976
YIQ	149.2710, -72.1220, 7.5100

Conversions

Conversions Part 2

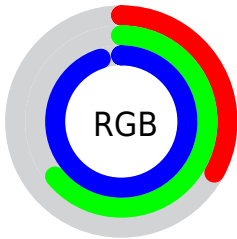
Format	Color
R_{YB}	85, 138, 242
Decimal	5612786
CIE _{Lab}	65.67, -0.41, -46.20
CIE _{LCh}	66, 46.197, 269.490
Yxy	34.8930, 0.2106, 0.2223
Android (android.graphics.Color)	4283802866 (0xFF55A4F2)
YUV	149.2710, 45.7154, -56.3657
Hunter-Lab	59.0703, -3.5055, -47.9793

Details

The YUV color **149.2710, 45.7154, -56.3657** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **177.7290, -45.7154, 56.3657**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.8750, 26.1906, -47.2484**, and **87.4210, 48.1064, -76.6682** is the 20% darker color. If you saturate the color by 10%, you get **135.0510, 52.7259, -64.9427**, and if you desaturate by 10%, it is **163.4910, 38.7049, -47.7886**.

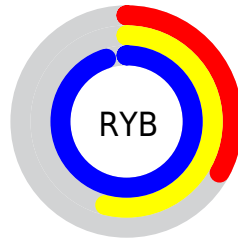
Distribution



Red (33%)

Green (64%)

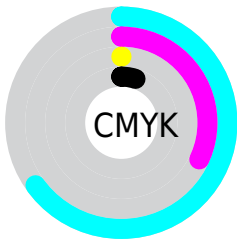
Blue (95%)



Red (33%)

Yellow (54%)

Blue (95%)

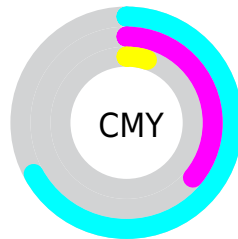


Cyan (65%)

Magenta (32%)

Yellow (0%)

Black (5%)



Cyan (67%)

Magenta (36%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2710, 45.7154, -56.3657 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 149.2710, 45.7154, -56.3657 by changing the saturation by 10% instead.

■ 149.2710, 45.7154,
-56.3657

■ 149.2710, 45.7154,
-56.3657

■ 255.0000, 0.0000,
0.0000

■ 119.3410, 46.1739,
-63.4431

■ 201.8750, 26.1906,
-47.2484

■ 87.4210, 48.1064,
-76.6682

■ 227.2810, 13.6655,
-43.2194

■ 70.2550, 43.2583,
-61.6136

■ 240.9470, 6.9281,
-28.8945

■ 53.7900, 38.5575,
-47.1738

■ 250.2160, 2.3585,
-9.8364

■ 37.9120, 33.5674,
-33.2488

■ 23.3220, 28.4353,
-20.4534

■ 9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 149.2710, 45.7154,
-56.3657

■ 149.2710, 45.7154,
-56.3657

■ 135.0510, 52.7259,
-64.9427

■ 163.4910, 38.7049,
-47.7886

■ 120.8310, 59.7363,
-73.5198

■ 177.7110, 31.6945,
-39.2115

■ 106.3120, 66.8942,
-82.7116

■ 192.2300, 24.5366,
-30.0197

■ 99.2020, 70.3994,
-87.0002

■ 206.4500, 17.5262,
-21.4426

■ 220.6700, 10.5157,
-12.8656

■ 234.8900, 3.5052,
-4.2885

■ 249.1100, -3.5052,
4.2885

■ 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.



128.9450, 49.8201, -113.0848



149.2710, 45.7154, -56.3657



162.0500, 34.4854, -0.9208

Triad

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



149.2710, 45.7154, -56.3657



160.0810, -19.2669, 66.5810



144.3320, -13.9677, -46.7722

Complementary

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



149.2710, 45.7154, -56.3657



177.7290, -45.7154, 56.3657

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.



151.6500, -32.8584, -7.5860



149.2710, 45.7154, -56.3657



158.6820, -34.3532, 52.0219

Square

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



149.2710, 45.7154, -56.3657



162.1080, -0.0532, 63.9263



155.9100, -40.3816, 25.5119



124.1450, 16.1975, -108.8752

Rectangle

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



149.2710, 45.7154, -56.3657



164.0060, 24.6470, 28.0587



155.9100, -40.3816, 25.5119



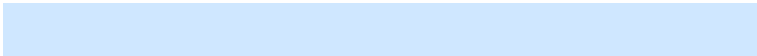
147.4710, -21.4312, -32.8621

Sweetspot

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



149.2710, 45.7154, -56.3657



226.5600, 14.0209, -17.1541



185.8230, -12.2377, -88.4218



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.



149.2710, 45.7154, -56.3657



137.3860, 57.9837, -71.3755



104.6590, 67.7091, -17.2409



112.8900, 3.5052, -4.2885



74.9800, 53.7469, -65.7575



22.8200, 16.3577, -20.0131

Inverse Universe

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



140.9490, 11.3641, 88.6217



126.9010, 14.3458, 112.3428



222.3410, -67.7091, 17.2409



112.2720, 0.8519, 6.7775



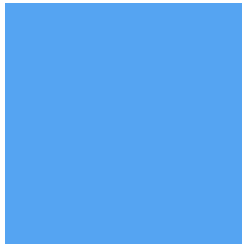
65.5040, 13.0625, 103.9210



19.9360, 3.9756, 31.6281

Previews

White Background



This preview shows how the YUV color 149.2710, 45.7154, -56.3657 looks on a white background.

Color Contrast Check

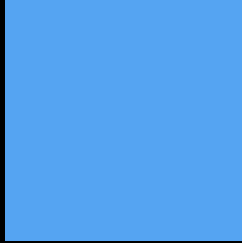
Large Text (above 18pt) WCAG AA × Fail

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 149.2710, 45.7154, -56.3657 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

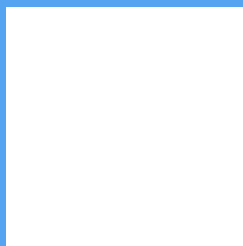
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.2710, 45.7154, -56.3657

Background



This preview shows how black text looks on a background with the YUV color 149.2710, 45.7154, -56.3657.

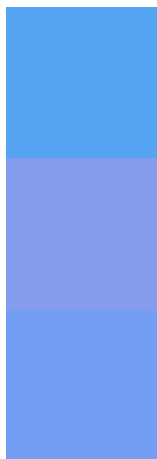


This preview shows how white text looks on a background with the YUV color 149.2710, 45.7154, -56.3657.

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

149.2710, 45.7154, -56.3657

Protanopia

157.8300, 38.0448, -22.6529

Deuteranopia

155.1320, 43.3189, -34.3188



Tritanopia

140.1290, 24.0934, -74.6581

Trichromacy



Original Color

149.2710, 45.7154, -56.3657

Protanomaly

154.8500, 40.9930, -34.9484

Deuteranomaly

153.0170, 44.3616, -42.1109

Tritanomaly

143.2360, 31.9287, -67.7360

Monochromacy



Original Color

149.2710, 45.7154, -56.3657

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9340, 16.7945, -20.1131

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2710, 45.7154, -56.3657 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(85, 164, 242)` looks like.

```
.text, #text, p{  
    color:rgb(85, 164, 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(85, 164, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 164, 242) }
```

Border

The CSS property to change the border of an element to YUV 149.2710, 45.7154, -56.3657 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(85, 164, 242) }
```


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

```
.border{ border-color:rgb(85, 164, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 164, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 164, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 164, 242);  
box-shadow:4px 4px 4px 4px rgb(85, 164,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 149.2710, 45.7154, -56.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 164, 242) }
```

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

```
.background{ background-color: rgb(85, 164,  
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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