

Converting Colors

YUV(126.7410, 56.3297,
-54.1469)

Have a look what the booklet for
YUV(126.7410, 56.3297, -54.1469)
contains.

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Color

**YUV(126.7410, 56.3297,
-54.1469)**

Conversions

Conversions Part 1

Format	Color
Hex	4188F1
RGB	65, 136, 241
RGB Percent	25%, 53%, 95%
CMY	0.7451, 0.4667, 0.0549
CMYK	0.73, 0.44, 0.00, 0.05
HSL	216°, 86%, 60%
HSV	216°, 73%, 95%
XYZ	26.8613, 25.0830, 86.6448
YIQ	126.7410, -76.0210, 17.6030

Conversions

Conversions Part 2

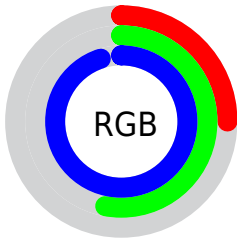
Format	Color
RYB	65, 116, 241
Decimal	4294897
CIELab	57.16, 12.79, -59.20
CIELCh	57, 60.570, 282.192
Yxy	25.0830, 0.1938, 0.1810
Android (android.graphics.Color)	4282484977 (0xFF4188F1)
YUV	126.7410, 56.3297, -54.1469
Hunter-Lab	50.0829, 8.0909, -67.5153

Details

The YUV color **126.7410, 56.3297, -54.1469** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **179.2590, -56.3297, 54.1469**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.7800, 37.0835, -41.0261**, and **72.0450, 55.1938, -63.1835** is the 20% darker color. If you saturate the color by 10%, you get **111.3470, 63.9189, -61.6943**, and if you desaturate by 10%, it is **142.1350, 48.7404, -46.5994**.

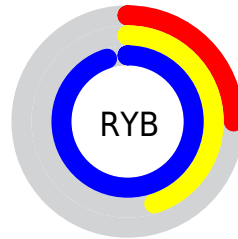
Distribution



Red (25%)

Green (53%)

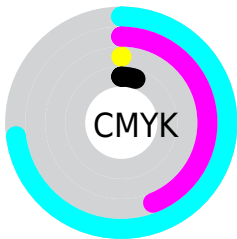
Blue (95%)



Red (25%)

Yellow (45%)

Blue (95%)

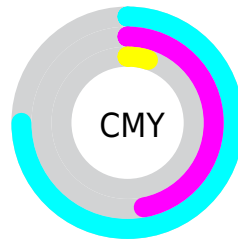


Cyan (73%)

Magenta (44%)

Yellow (0%)

Black (5%)



Cyan (75%)

Magenta (47%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.7410, 56.3297, -54.1469 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 126.7410, 56.3297, -54.1469 by changing the saturation by 10% instead.

■ 126.7410, 56.3297,
-54.1469

■ 126.7410, 56.3297,
-54.1469

255.0000, 0.0000,
0.0000

■ 89.3250, 60.4788,
-78.3380

■ 179.7800, 37.0835,
-41.0261

■ 72.0450, 55.1938,
-63.1835

■ 204.8980, 24.7003,
-35.8675

■ 56.0530, 49.7669,
-49.1585

■ 231.1900, 11.7383,
-31.7386

■ 40.6480, 44.0505,
-35.6483

■ 246.3290, 4.2748,
-17.8285

■ 26.5310, 38.1922,
-23.2677

■ 14.8760, 31.6131,
-13.0463

■ 9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 126.7410, 56.3297,
-54.1469

■ 126.7410, 56.3297,
-54.1469

■ 111.3470, 63.9189,
-61.6943

■ 142.1350, 48.7404,
-46.5994

■ 95.3660, 71.7976,
-68.7270

■ 158.1160, 40.8618,
-39.5667

■ 84.4130, 77.1974,
-74.0302

■ 173.5100, 33.2726,
-32.0193

■ 189.4910, 25.3939,
-24.9866

■ 205.1840, 17.6573,
-16.8244

■ 220.5780, 10.0680,
-9.2769

■ 236.5590, 2.1894,
-2.2442

■ 251.0560, -4.9576,
3.4589

■ 253.4040, -6.1152,
1.3997

Harmonies

Analogous

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



116.3560, 59.9705, -102.0442



126.7410, 56.3297, -54.1469



140.8880, 37.0302, 22.9002

Triad

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



126.7410, 56.3297, -54.1469



133.1180, -32.1032, 77.0725



105.6620, -1.3124, -92.6656

Complementary

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



126.7410, 56.3297, -54.1469



179.2590, -56.3297, 54.1469

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.



121.4420, -34.2349, -32.8366



126.7410, 56.3297, -54.1469



131.7900, -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.



126.7410, 56.3297, -54.1469



132.7150, -7.2545, 87.0729



126.8920, -56.6418, 14.1267



113.1060, 22.1327, -99.1940

Rectangle

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



126.7410, 56.3297, -54.1469



139.8400, 23.2499, 56.2683



126.8920, -56.6418, 14.1267



102.4360, -8.5959, -89.8364

Sweetspot

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



126.7410, 56.3297, -54.1469



218.8850, 17.8047, -17.4391



180.0540, -5.9426, -100.9024



106.0940, 10.7997, -10.6064



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.



126.7410, 56.3297, -54.1469



109.3660, 71.7976, -68.7270



89.5490, 74.6653, -8.3745



112.3030, 3.7946, -3.7737



64.4140, 58.9559, -56.4911



19.8850, 17.8047, -17.4391

Inverse Universe

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



125.7180, 5.0690, 101.1023



108.2360, 6.2927, 128.7120



216.4510, -74.6653, 8.3745



112.1580, 0.4151, 6.8774



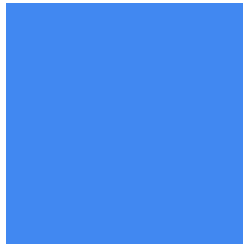
63.4520, 5.2002, 105.7206



19.3660, 1.7916, 32.1280

Previews

White Background



This preview shows how the YUV color 126.7410, 56.3297, -54.1469 looks on a white background.

Color Contrast Check

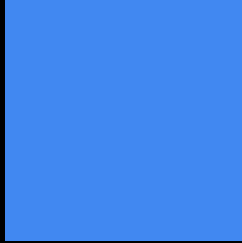
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.7410, 56.3297, -54.1469 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

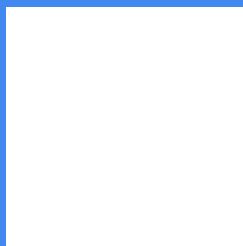
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 126.7410, 56.3297, -54.1469

Background



This preview shows how black text looks on a background with the YUV color 126.7410, 56.3297, -54.1469.



This preview shows how white text looks on a background with the YUV color 126.7410, 56.3297, -54.1469.

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

126.7410, 56.3297, -54.1469

Protanopia

131.8140, 52.3497, -37.5479

Deuteranopia

121.5220, 58.4097, -67.9868



Tritanopia

107.2190, 27.5000, -94.0311

Trichromacy



Original Color

126.7410, 56.3297, -54.1469

Protanomaly

129.8240, 53.8238, -43.6956

Deuteranomaly

123.3270, 57.5198, -62.5538

Tritanomaly

114.6520, 37.6396, -79.5018

Monochromacy



Original Color

126.7410, 56.3297, -54.1469

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.5580, 20.4309, -19.7834

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7410, 56.3297, -54.1469 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(65, 136, 241)` looks like.

```
.text, #text, p{  
    color:rgb(65, 136, 241)  
}
```

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(65, 136, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 136, 241) }
```

Border

The CSS property to change the border of an element to YUV 126.7410, 56.3297, -54.1469 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(65, 136, 241) }
```


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

```
.border{ border-color:rgb(65, 136, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 136, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 136, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 136, 241);  
box-shadow:4px 4px 4px 4px rgb(65, 136,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 126.7410, 56.3297, -54.1469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 136, 241) }
```

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

```
.background{ background-color: rgb(65, 136,  
241) }
```

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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