

Converting Colors

YUV(135.5520, 56.4229,
-37.3181)

Have a look what the booklet for
YUV(135.5520, 56.4229, -37.3181)
contains.

YUV(135.5520, 56.4229, -37.3181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(135.5520, 56.4229,
-37.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	5D87FA
RGB	93, 135, 250
RGB Percent	36%, 53%, 98%
CMY	0.6353, 0.4706, 0.0196
CMYK	0.63, 0.46, 0.00, 0.02
HSL	224°, 94%, 67%
HSV	224°, 63%, 98%
XYZ	30.4335, 26.5572, 93.9645
YIQ	135.5520, -61.9470, 26.8610

Conversions

Conversions Part 2

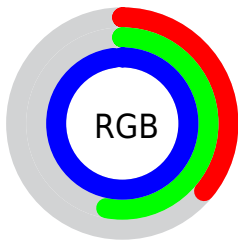
Format	Color
R_{YB}	93, 126, 250
Decimal	6129658
CIE _{Lab}	58.56, 20.68, -61.86
CIE _{LCh}	59, 65.222, 288.482
Yxy	26.5572, 0.2016, 0.1759
Android (android.graphics.Color)	4284319738 (0xFF5D87FA)
YUV	135.5520, 56.4229, -37.3181
Hunter-Lab	51.5337, 15.2301, -72.0334

Details

The YUV color **135.5520, 56.4229, -37.3181** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **207.4480, -56.4229, 37.3181**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0700, 33.9825, -26.3714**, and **72.4840, 59.4144, -63.5685** is the 20% darker color. If you saturate the color by 10%, you get **117.5110, 65.3171, -43.4211**, and if you desaturate by 10%, it is **153.5930, 47.5287, -31.2151**.

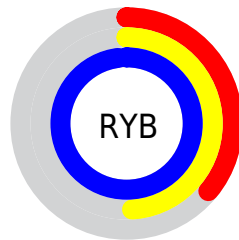
Distribution



Red (36%)

Green (53%)

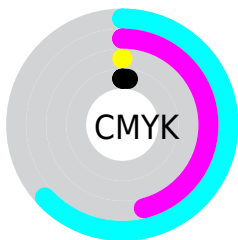
Blue (98%)



Red (36%)

Yellow (49%)

Blue (98%)

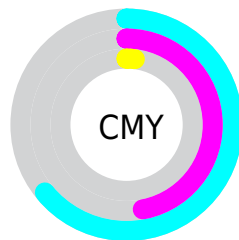


Cyan (63%)

Magenta (46%)

Yellow (0%)

Black (2%)



Cyan (64%)

Magenta (47%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.5520, 56.4229, -37.3181 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 135.5520, 56.4229, -37.3181 by changing the saturation by 10% instead.

■ 135.5520, 56.4229,
-37.3181

■ 135.5520, 56.4229,
-37.3181

255.0000, 0.0000,
0.0000

■ 106.8070, 56.2971,
-43.6807

■ 186.0700, 33.9825,
-26.3714

■ 72.4840, 59.4144,
-63.5685

■ 210.8890, 21.7467,
-21.8277

■ 55.7910, 53.8400,
-48.9287

■ 237.1810, 8.7848,
-17.6987

■ 40.9730, 47.8343,
-35.9333

■ 252.6080, 1.1793,
-4.9182

■ 26.8560, 41.9760,
-23.5527

■ 10.5050, 37.7120,
-9.2129

■ 10.5900, 25.3451,

-9.2874

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 135.5520, 56.4229,
-37.3181

■ 135.5520, 56.4229,
-37.3181

■ 117.5110, 65.3171,
-43.4211

■ 153.5930, 47.5287,
-31.2151

■ 98.8830, 74.5007,
-49.0094

■ 172.2210, 38.3450,
-25.6268

■ 80.8420, 83.3949,
-55.1124

■ 190.2620, 29.4508,
-19.5238

■ 67.8290, 89.8103,
-59.4860

■ 208.3030, 20.5566,
-13.4207

■ 226.9310, 11.3730,
-7.8325

■ 244.9720, 2.4788,
-1.7294

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



119.2400, 65.9437, -104.5735



135.5520, 56.4229, -37.3181



144.6340, 35.6764, 37.1550

Triad

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



135.5520, 56.4229, -37.3181



135.8810, -39.3813, 78.1574



110.6660, 2.6297, -97.0541

Complementary

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



135.5520, 56.4229, -37.3181



207.4480, -56.4229, 37.3181

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.



119.1840, -29.6707, -50.1504



135.5520, 56.4229, -37.3181



132.4510, -64.3123, 47.8395

Square

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



135.5520, 56.4229, -37.3181



134.8640, -13.2440, 94.8353



127.8280, -63.0192, 6.2898



117.9790, 28.1114, -103.4676

Rectangle

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



135.5520, 56.4229, -37.3181



141.0590, 21.1699, 70.1083



127.8280, -63.0192, 6.2898



107.7990, -5.8169, -94.5397

Sweetspot

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



135.5520, 56.4229, -37.3181



220.1030, 17.2042, -11.4913



198.0410, 3.9238, -92.1210



106.1160, 10.7888, -7.1177



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.



135.5520, 56.4229, -37.3181



115.7110, 68.6695, -45.3505



121.0640, 63.5654, 5.2059



115.8300, 4.5208, -3.3589



50.8960, 68.0853, -44.6358



16.3460, 22.0144, -14.3354

Inverse Universe

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



144.7310, -4.7974, 92.3209



126.9230, -5.8780, 112.3235



221.9360, -63.5654, -5.2059



116.3430, -0.1691, 7.5922



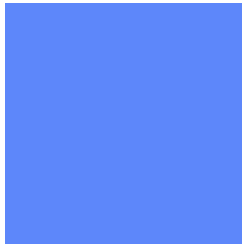
62.2110, -6.0200, 111.1940



20.0630, -2.0031, 35.9017

Previews

White Background



This preview shows how the YUV color 135.5520, 56.4229, -37.3181 looks on a white background.

Color Contrast Check

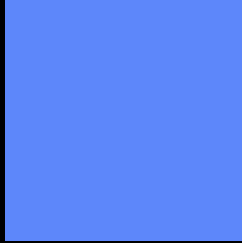
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.5520, 56.4229, -37.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

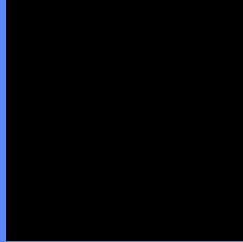
Any Text WCAG AA ✓ Pass

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 135.5520, 56.4229, -37.3181 Background



This preview shows how black text looks on a background with the YUV color 135.5520, 56.4229, -37.3181.



This preview shows how white text looks on a background with the YUV color 135.5520, 56.4229, -37.3181.

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

135.5520, 56.4229, -37.3181

Protanopia

133.8610, 57.7495, -42.8511

Deuteranopia

123.8850, 61.1887, -72.6901



Tritanopia

124.0870, 21.1561, -65.8513

Trichromacy



Original Color

135.5520, 56.4229, -37.3181

Protanomaly

134.7580, 57.3073, -41.0068

Deuteranomaly

127.9190, 59.6929, -59.5650

Tritanomaly

128.1820, 33.9273, -55.4106

Monochromacy



Original Color

135.5520, 56.4229, -37.3181

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.8900, 20.2672, -13.9355

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.5520, 56.4229, -37.3181 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(93, 135, 250)` looks like.

```
.text, #text, p{  
    color:rgb(93, 135, 250)  
}
```

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(93, 135, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 135, 250) }
```

Border

The CSS property to change the border of an element to YUV 135.5520, 56.4229, -37.3181 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(93, 135, 250) }
```


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

```
.border{ border-color:rgb(93, 135, 250) }
```

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

Here you see how a box with a 4 pixel rgb(93, 135, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 135, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 135, 250);  
box-shadow:4px 4px 4px 4px rgb(93, 135,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 135.5520, 56.4229, -37.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 135, 250) }
```

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

```
.background{ background-color: rgb(93, 135,  
250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor