

Converting Colors

YUV(126.5540, 63.3239,
-57.4909)

Have a look what the booklet for
YUV(126.5540, 63.3239, -57.4909)
contains.

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Color

**YUV(126.5540, 63.3239,
-57.4909)**

Conversions

Conversions Part 1

Format	Color
Hex	3D87FF
RGB	61, 135, 255
RGB Percent	24%, 53%, 100%
CMY	0.7608, 0.4706, 0.0000
CMYK	0.76, 0.47, 0.00, 0.00
HSL	217°, 100%, 62%
HSV	217°, 76%, 100%
XYZ	28.6384, 25.5400, 98.0281
YIQ	126.5540, -82.6240, 21.6320

Conversions

Conversions Part 2

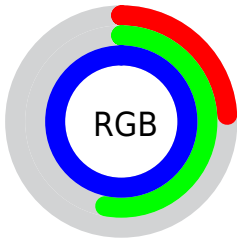
Format	Color
R _Y B	61, 115, 255
Decimal	4032511
CIE Lab	57.60, 17.97, -66.23
CIE LCh	58, 68.622, 285.181
Yxy	25.5400, 0.1882, 0.1678
Android (android.graphics.Color)	4282222591 (0xFF3D87FF)
YUV	126.5540, 63.3239, -57.4909
Hunter-Lab	50.5372, 12.7125, -79.6301

Details

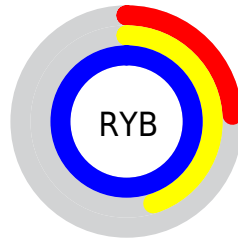
The YUV color **126.5540, 63.3239, -57.4909** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **189.4460, -63.3239, 57.4909**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1930, 37.3729, -40.5113**, and **72.9400, 61.1616, -63.9684** is the 20% darker color. If you saturate the color by 10%, you get **109.3880, 71.7867, -65.2383**, and if you desaturate by 10%, it is **143.7200, 54.8610, -49.7434**.

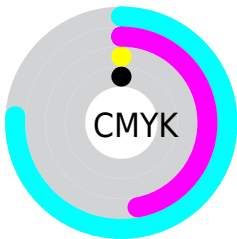
Distribution



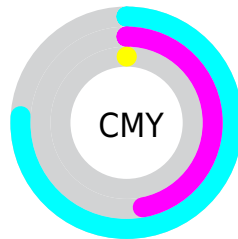
- Red (24%)
- Green (53%)
- Blue (100%)



- Red (24%)
- Yellow (45%)
- Blue (100%)



- Cyan (76%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.5540, 63.3239, -57.4909 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 126.5540, 63.3239, -57.4909 by changing the saturation by 10% instead.

■ 126.5540, 63.3239,
-57.4909

■ 126.5540, 63.3239,
-57.4909

255.0000, 0.0000,
0.0000

■ 90.3340, 66.8833,
-79.2229

■ 179.1930, 37.3729,
-40.5113

■ 72.9400, 61.1616,
-63.9684

■ 204.6100, 24.8423,
-34.7380

■ 56.9480, 55.7346,
-49.9434

■ 230.6140, 12.0223,
-29.4795

■ 41.4290, 49.5815,
-36.3332

■ 246.9270, 3.9800,
-16.5990

■ 28.4860, 43.1444,
-24.9822

■ 14.4830, 37.7229,
-12.7016

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 126.5540, 63.3239,
-57.4909

■ 126.5540, 63.3239,
-57.4909

■ 109.3880, 71.7867,
-65.2383

■ 143.7200, 54.8610,
-49.7434

■ 92.5210, 80.1021,
-72.3709

■ 160.5870, 46.5456,
-42.6108

■ 86.0090, 83.3126,
-75.4299

■ 177.1660, 38.3722,
-34.3486

■ 194.0330, 30.0567,
-27.2159

■ 211.1990, 21.5939,
-19.4685

■ 228.0660, 13.2785,
-12.3359

■ 244.6450, 5.1050,
-4.0737

■ 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.



119.4680, 66.8173, -104.7734



126.5540, 63.3239, -57.4909



142.4530, 40.2027, 32.0517

Triad

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



126.5540, 63.3239, -57.4909



131.8540, -38.3820, 84.3200



108.2380, -1.5963, -94.9247

Complementary

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



126.5540, 63.3239, -57.4909



189.4460, -63.3239, 57.4909

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.



116.4250, -35.2125, -45.9767



126.5540, 63.3239, -57.4909



130.1850, -64.1812, 52.4578

Square

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



126.5540, 63.3239, -57.4909



129.9340, -9.3345, 100.9129



126.3770, -62.3039, 10.1934



116.5940, 25.3432, -102.2529

Rectangle

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



126.5540, 63.3239, -57.4909



138.4980, 25.3905, 69.7233



126.3770, -62.3039, 10.1934



104.7840, -9.7535, -91.8956

Sweetspot

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



126.5540, 63.3239, -57.4909



216.2270, 19.1151, -17.7391



188.5580, -3.7261, -111.8684



103.7350, 11.9626, -10.2916



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.



126.5540, 63.3239, -57.4909



101.1040, 75.8707, -68.4972



89.9930, 81.3485, -5.2559



119.4170, 4.2314, -3.8737



64.6250, 62.3029, -56.6761



21.3840, 21.0097, -18.7538

Inverse Universe

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



127.4420, 3.7261, 111.8684



102.4000, 4.2398, 133.8302



226.0070, -81.3485, 5.2559



119.4570, 0.2677, 7.4922



65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 126.5540, 63.3239, -57.4909 looks on a white background.

Color Contrast Check

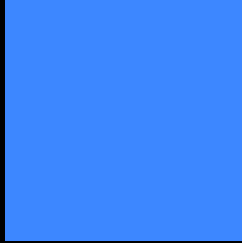
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.5540, 63.3239, -57.4909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

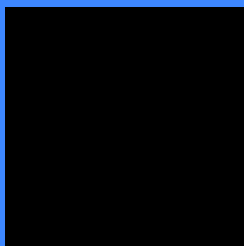
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

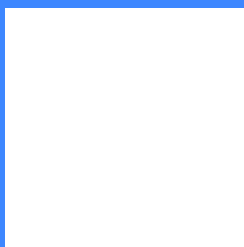
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 126.5540, 63.3239, -57.4909

Background



This preview shows how black text looks on a background with the YUV color 126.5540, 63.3239, -57.4909.



This preview shows how white text looks on a background with the YUV color 126.5540, 63.3239, -57.4909.

-57.4909.

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

126.5540, 63.3239, -57.4909

Protanopia

129.6370, 60.8180, -47.0396

Deuteranopia

110.3380, 67.3744, -96.7664



Tritanopia

108.5070, 27.3580, -95.1606

Trichromacy



Original Color

126.5540, 63.3239, -57.4909

Protanomaly

128.8430, 61.7024, -50.7283

Deuteranomaly

116.0840, 66.0206, -82.5117

Tritanomaly

114.7380, 40.5552, -81.3312

Monochromacy



Original Color

126.5540, 63.3239, -57.4909

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9430, 23.1991, -20.9980

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.5540, 63.3239, -57.4909 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(61, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(61, 135, 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(61, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 135, 255) }
```

Border

The CSS property to change the border of an element to YUV 126.5540, 63.3239, -57.4909 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(61, 135, 255) }
```


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

```
.border{ border-color:rgb(61, 135, 255) }
```

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

Here you see how a box with a 4 pixel rgb(61, 135, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 135, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 135, 255);  
box-shadow:4px 4px 4px 4px rgb(61, 135,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 126.5540, 63.3239, -57.4909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 135, 255) }
```

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

```
.background{ background-color: rgb(61, 135,  
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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