

Converting Colors

YUV(136.4320, 58.4540,
-35.4589)

Have a look what the booklet for
YUV(136.4320, 58.4540, -35.4589)
contains.

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Color

**YUV(136.4320, 58.4540,
-35.4589)**

Conversions

Conversions Part 1

Format	Color
Hex	6086FF
RGB	96, 134, 255
RGB Percent	38%, 53%, 100%
CMY	0.6235, 0.4745, 0.0000
CMYK	0.62, 0.47, 0.00, 0.00
HSL	226°, 100%, 69%
HSV	226°, 62%, 100%
XYZ	31.3990, 26.7570, 98.1175
YIQ	136.4320, -61.4890, 29.5750

Conversions

Conversions Part 2

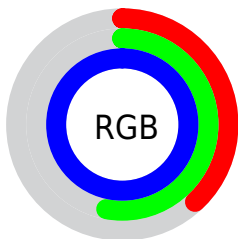
Format	Color
R _Y B	96, 127, 255
Decimal	6326015
CIE Lab	58.75, 23.45, -64.30
CIE LCh	59, 68.444, 290.037
Yxy	26.7570, 0.2009, 0.1712
Android (android.graphics.Color)	4284516095 (0xFF6086FF)
YUV	136.4320, 58.4540, -35.4589
Hunter-Lab	51.7272, 17.8290, -76.2538

Details

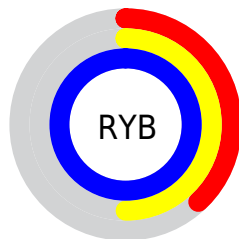
The YUV color **136.4320, 58.4540, -35.4589** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **214.5680, -58.4540, 35.4589**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.3800, 33.8297, -24.0123**, and **72.3530, 61.4510, -63.4536** is the 20% darker color. If you saturate the color by 10%, you get **117.8040, 67.6376, -41.0471**, and if you desaturate by 10%, it is **155.3590, 49.1230, -29.2558**.

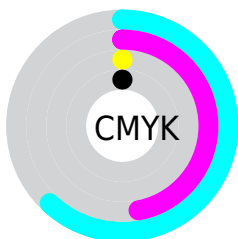
Distribution



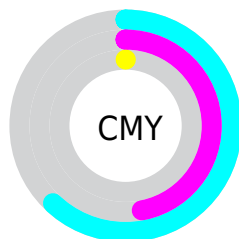
- Red (38%)
- Green (53%)
- Blue (100%)



- Red (38%)
- Yellow (50%)
- Blue (100%)



- Cyan (62%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.4320, 58.4540, -35.4589 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 136.4320, 58.4540, -35.4589 by changing the saturation by 10% instead.

■ 136.4320, 58.4540,
-35.4589

■ 136.4320, 58.4540,
-35.4589

■ 255.0000, 0.0000,
0.0000

■ 107.6870, 58.3283,
-41.8215

■ 186.3800, 33.8297,
-24.0123

■ 72.3530, 61.4510,
-63.4536

■ 211.1990, 21.5939,
-19.4685

■ 56.3610, 56.0240,
-49.4286

■ 237.4910, 8.6319,
-15.3396

■ 40.8420, 49.8709,
-35.8184

■ 253.8040, 0.5896,
-2.4591

■ 27.3120, 43.7232,
-23.9526

■ 10.3740, 39.7486,
-9.0980

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 136.4320, 58.4540,
-35.4589

■ 136.4320, 58.4540,
-35.4589

■ 117.8040, 67.6376,
-41.0471

■ 155.3590, 49.1230,
-29.2558

■ 98.2900, 77.2580,
-46.7353

■ 174.5740, 39.6500,
-24.1824

■ 79.6620, 86.4416,
-52.3236

■ 193.5010, 30.3190,
-17.9794

■ 64.8770, 93.7306,
-56.8971

■ 212.7160, 20.8460,
-12.9059

■ 231.6430, 11.5150,
-6.7029

■ 250.2710, 2.3314,
-1.1147

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



136.4320, 58.4540, -35.4589



144.8950, 36.5338, 42.1881

Triad

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



136.4320, 58.4540, -35.4589



135.6810, -42.7337, 80.0868



112.1820, 3.3613, -98.3836

Complementary

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



136.4320, 58.4540, -35.4589



214.5680, -58.4540, 35.4589

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.



116.3570, -28.7700, -59.0721



136.4320, 58.4540, -35.4589



132.5110, -65.3279, 46.9099

Square

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



136.4320, 58.4540, -35.4589



133.2560, -14.4232, 99.7535



127.2190, -62.7190, 3.3159



119.8370, 30.1534, -105.0970

Rectangle

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



136.4320, 58.4540, -35.4589



140.2170, 21.5850, 76.9857



127.2190, -62.7190, 3.3159



108.6140, -5.2327, -95.2545

Sweetspot

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



136.4320, 58.4540, -35.4589



218.9290, 17.7830, -10.4617



202.8990, 5.9658, -93.7504



105.5290, 11.0782, -6.6029



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.



136.4320, 58.4540, -35.4589



112.1890, 70.4058, -42.2618



126.0860, 63.5546, 8.6946



118.2430, 4.8102, -2.8441



48.7760, 70.1164, -42.7766



16.1010, 23.6142, -14.1206

Inverse Universe

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



147.8730, -6.8394, 93.9504



126.2390, -8.4988, 112.9234



224.9140, -63.5546, -8.6946



119.2290, -0.6059, 7.6922



62.3530, -8.0620, 112.8234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 136.4320, 58.4540, -35.4589 looks on a white background.

Color Contrast Check

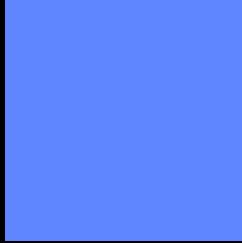
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.4320, 58.4540, -35.4589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

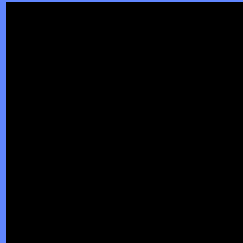
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.4320, 58.4540, -35.4589

Background



This preview shows how black text looks on a background with the YUV color 136.4320, 58.4540, -35.4589.



This preview shows how white text looks on a background with the YUV color 136.4320, 58.4540, -35.4589.

-35.4589.

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

136.4320, 58.4540, -35.4589

Protanopia

134.0070, 59.6495, -45.6101

Deuteranopia

119.0620, 66.0314, -86.0004



Tritanopia

124.3860, 21.0087, -65.2365

Trichromacy



Original Color

136.4320, 58.4540, -35.4589

Protanomaly

134.9150, 59.2019, -42.0215

Deuteranomaly

125.4880, 63.3564, -67.9570

Tritanomaly

129.0080, 34.5061, -54.3810

Monochromacy



Original Color

136.4320, 58.4540, -35.4589

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.8300, 21.2828, -13.0059

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.4320, 58.4540, -35.4589 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(96, 134, 255)` looks like.

```
.text, #text, p{  
  color:rgb(96, 134, 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(96, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 134, 255) }
```

Border

The CSS property to change the border of an element to YUV 136.4320, 58.4540, -35.4589 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(96, 134, 255) }
```


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

```
.border{ border-color:rgb(96, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(96, 134,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 136.4320, 58.4540, -35.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 134, 255) }
```

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

```
.background{ background-color: rgb(96, 134,  
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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