

Converting Colors

YUV(136.4880, 50.0454,
-45.1550)

Have a look what the booklet for
YUV(136.4880, 50.0454, -45.1550)
contains.

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Color

**YUV(136.4880, 50.0454,
-45.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	558FEE
RGB	85, 143, 238
RGB Percent	33%, 56%, 93%
CMY	0.6667, 0.4392, 0.0667
CMYK	0.64, 0.40, 0.00, 0.07
HSL	217°, 82%, 63%
HSV	217°, 64%, 93%
XYZ	29.0014, 27.7493, 84.7165
YIQ	136.4880, -65.0630, 17.2490

Conversions

Conversions Part 2

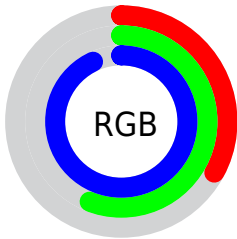
Format	Color
R _Y B	85, 127, 238
Decimal	5607406
CIE Lab	59.66, 10.49, -53.50
CIE LCh	60, 54.517, 281.089
Yxy	27.7493, 0.2050, 0.1962
Android (android.graphics.Color)	4283797486 (0xFF558FEE)
YUV	136.4880, 50.0454, -45.1550
Hunter-Lab	52.6776, 6.0866, -58.4764

Details

The YUV color **136.4880, 50.0454, -45.1550** 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 **186.5120, -50.0454, 45.1550**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0750, 32.9940, -36.0228**, and **75.2250, 52.1471, -65.9723** is the 20% darker color. If you saturate the color by 10%, you get **120.5070, 57.9240, -52.1876**, and if you desaturate by 10%, it is **152.4690, 42.1668, -38.1223**.

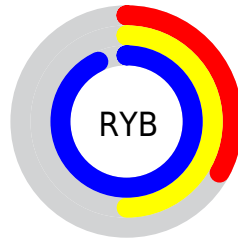
Distribution



Red (33%)

Green (56%)

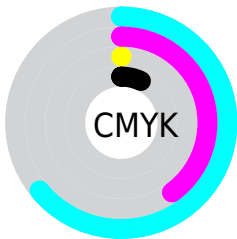
Blue (93%)



Red (33%)

Yellow (50%)

Blue (93%)

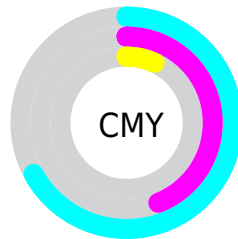


Cyan (64%)

Magenta (40%)

Yellow (0%)

Black (7%)



Cyan (67%)

Magenta (44%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.4880, 50.0454, -45.1550 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 136.4880, 50.0454, -45.1550 by changing the saturation by 10% instead.

■ 136.4880, 50.0454,
-45.1550

■ 136.4880, 50.0454,
-45.1550

■ 255.0000, 0.0000,
0.0000

■ 107.4440, 50.0671,
-52.1324

■ 188.0750, 32.9940,
-36.0228

■ 75.2250, 52.1471,
-65.9723

■ 213.4810, 20.4689,
-31.9938

■ 58.6460, 47.0095,
-51.4325

■ 239.7730, 7.5069,
-27.8649

■ 43.3550, 41.7300,
-38.0223

■ 249.9170, 2.5059,
-10.4512

■ 28.6510, 36.1611,
-25.1269

■ 10.5390, 32.7653,
-9.2427

■ 9.0910, 22.1401,

-7.9728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 136.4880, 50.0454,
-45.1550

■ 136.4880, 50.0454,
-45.1550

■ 120.5070, 57.9240,
-52.1876

■ 152.4690, 42.1668,
-38.1223

■ 104.5260, 65.8027,
-59.2203

■ 168.4500, 34.2882,
-31.0896

■ 89.4310, 73.2445,
-66.1530

■ 183.5450, 26.8463,
-24.1570

■ 79.9620, 77.9127,
-70.1267

■ 199.5260, 18.9677,
-17.1243

■ 215.5070, 11.0890,
-10.0916

■ 231.4880, 3.2104,
-3.0590

■ 246.8820, -4.3788,
4.4885

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



118.8350, 56.7763, -104.2183



136.4880, 50.0454, -45.1550



147.6550, 33.6941, 19.5966

Triad

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



136.4880, 50.0454, -45.1550



141.2960, -28.7399, 71.6544



109.5090, 0.7351, -96.0394

Complementary

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



136.4880, 50.0454, -45.1550



186.5120, -50.0454, 45.1550

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.



130.8710, -31.4884, -27.0739



136.4880, 50.0454, -45.1550



139.9020, -44.8147, 47.4439

Square

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



136.4880, 50.0454, -45.1550



142.6600, -7.2274, 78.3512



136.7100, -47.1850, 14.2863



116.3830, 21.9962, -102.0679

Rectangle

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



136.4880, 50.0454, -45.1550



147.0410, 21.6718, 49.0760



136.7100, -47.1850, 14.2863



120.5640, -12.6031, -64.5156

Sweetspot

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



136.4880, 50.0454, -45.1550



223.0380, 15.7573, -14.0653



185.5270, -3.2178, -88.1622



107.8770, 9.9206, -8.6621



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.



136.4880, 50.0454, -45.1550



124.7820, 64.1975, -57.6908



107.8240, 64.1768, -4.2306



111.7160, 4.0840, -3.2589



62.0660, 60.1135, -54.4319



18.7110, 18.3835, -16.4095

Inverse Universe

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



137.3590, 2.7810, 88.2622



126.0400, 3.4313, 113.0979



215.1760, -64.1768, 4.2306



112.0440, -0.0217, 6.9774



62.9960, 3.4530, 106.1205



19.1380, 0.9180, 32.3280

Previews

White Background



This preview shows how the YUV color 136.4880, 50.0454, -45.1550 looks on a white background.

Color Contrast Check

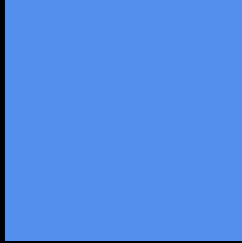
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.4880, 50.0454, -45.1550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

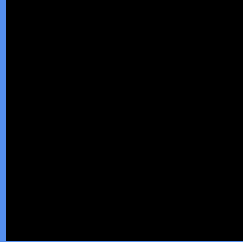
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

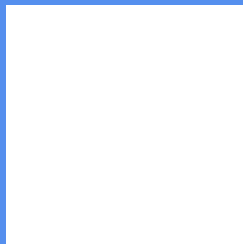
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 136.4880, 50.0454, -45.1550

Background



This preview shows how black text looks on a background with the YUV color 136.4880, 50.0454, -45.1550.



This preview shows how white text looks on a background with the YUV color 136.4880, 50.0454, -45.1550.

-45.1550.

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

136.4880, 50.0454, -45.1550

Protanopia

140.0660, 46.8025, -31.6299

Deuteranopia

135.5800, 50.4931, -48.7437



Tritanopia

125.5920, 21.8931, -68.9252

Trichromacy



Original Color

136.4880, 50.0454, -45.1550

Protanomaly

138.6740, 47.9817, -36.5481

Deuteranomaly

136.1780, 50.1982, -47.5141

Tritanomaly

129.6930, 32.1964, -60.2438

Monochromacy



Original Color

136.4880, 50.0454, -45.1550

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.2980, 18.0941, -16.9243

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.4880, 50.0454, -45.1550 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, 143, 238)` looks like.

```
.text, #text, p{  
    color:rgb(85, 143, 238)  
}
```

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, 143, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 143, 238) }
```

Border

The CSS property to change the border of an element to YUV 136.4880, 50.0454, -45.1550 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, 143, 238) }
```


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

```
.border{ border-color:rgb(85, 143, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 143, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 143, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 143, 238);  
box-shadow:4px 4px 4px 4px rgb(85, 143,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 136.4880, 50.0454, -45.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 143, 238) }
```

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

```
.background{ background-color: rgb(85, 143,  
238) }
```

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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