

# Converting Colors

YUV(135.4800, 42.1614,  
-36.3780)

Have a look what the booklet for  
YUV(135.4800, 42.1614, -36.3780)  
contains.

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# Color

**YUV(135.4800, 42.1614,  
-36.3780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E8CDD
RGB	94, 140, 221
RGB Percent	37%, 55%, 87%
CMY	0.6314, 0.4510, 0.1333
CMYK	0.57, 0.37, 0.00, 0.13
HSL	218°, 65%, 62%
HSV	218°, 57%, 87%
XYZ	27.0453, 26.3563, 72.0684
YIQ	135.4800, -53.4170, 15.4390

# Conversions

## Conversions Part 2

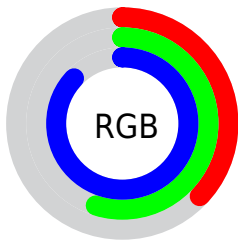
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 128, 221
Decimal	6196445
CIE <sub>Lab</sub>	58.37, 8.29, -46.07
CIE <sub>LCh</sub>	58, 46.807, 280.203
Yxy	26.3563, 0.2156, 0.2101
Android (android.graphics.Color)	4284386525 (0xFF5E8CDD)
YUV	135.4800, 42.1614, -36.3780
Hunter-Lab	51.3384, 4.1925, -47.2940

# Details

The YUV color  $135.4800, 42.1614, -36.3780$  is a dark color, and the websafe version is hex  $6699FF$ . The color can be described as middle muted azure. A complement of this color would be  $179.5200, -42.1614, 36.3780$ , and the grayscale version is  $135.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $188.1080, 32.9778, -30.7897$ , and  $78.5170, 42.6361, -48.6884$  is the 20% darker color. If you saturate the color by 10%, you get  $120.6840, 49.4558, -42.6959$ , and if you desaturate by 10%, it is  $150.2760, 34.8669, -30.0601$ .

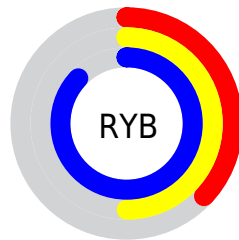
# Distribution



Red (37%)

Green (55%)

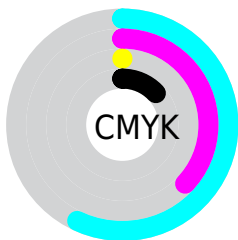
Blue (87%)



Red (37%)

Yellow (50%)

Blue (87%)

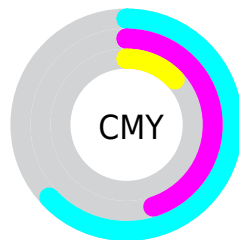


Cyan (57%)

Magenta (37%)

Yellow (0%)

Black (13%)



Cyan (63%)

Magenta (45%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.4800, 42.1614, -36.3780 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 135.4800, 42.1614, -36.3780 by changing the saturation by 10% instead.



■ 135.4800, 42.1614,  
-36.3780

■ 135.4800, 42.1614,  
-36.3780

255.0000, 0.0000,  
0.0000

■ 108.3440, 41.7354,  
-39.7667

■ 188.1080, 32.9778,  
-30.7897

■ 78.5170, 42.6361,  
-48.6884

■ 213.2150, 20.6000,  
-27.3756

■ 55.1750, 41.3257,  
-48.3885

■ 238.3220, 8.2223,  
-23.9614

■ 39.8840, 36.0462,  
-34.9783

■ 250.8140, 2.0637,  
-8.6069

■ 25.2940, 30.9141,  
-22.1828

■ 10.8180, 26.2187,  
-9.4874

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,  
-2.4144

■ 0.0000, 0.0000,  
0.0000

■ 135.4800, 42.1614,  
-36.3780

■ 135.4800, 42.1614,  
-36.3780

■ 120.6840, 49.4558,  
-42.6959

■ 150.2760, 34.8669,  
-30.0601

■ 105.8880, 56.7502,  
-49.0138

■ 165.0720, 27.5725,  
-23.7421

■ 91.0920, 64.0446,  
-55.3317

■ 179.8680, 20.2781,  
-17.4242

■ 76.2960, 71.3391,  
-61.6496

■ 194.6640, 12.9836,  
-11.1063

■ 72.1540, 73.3811,  
-63.2791

■ 209.7590, 5.5418,  
-4.1736

■ 225.1420, -2.0420,  
1.6295

■ 239.9380, -9.3364,  
7.9474

■ 249.9500,  
-14.2723, 4.4289

■ 251.1240,  
-14.8511, 3.3993

# Harmonies

## Analogous

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



113.9620, 50.7977, -99.9447



135.4800, 42.1614, -36.3780



144.3680, 28.9056, 15.4633

# Triad

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



135.4800, 42.1614, -36.3780



139.2670, -24.7816, 62.0328



117.3490, -3.1301, -69.5891

# Complementary

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



135.4800, 42.1614, -36.3780



179.5200, -42.1614, 36.3780

# 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.



130.0550, -27.1421, -21.0962



135.4800, 42.1614, -36.3780



137.8180, -37.3783, 42.2556

# Square

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



135.4800, 42.1614, -36.3780



141.1100, -6.4632, 66.5555



135.4740, -39.1807, 13.6163



112.0630, 20.6749, -98.2793



# Rectangle

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



135.4800, 42.1614, -36.3780



144.7750, 18.3519, 40.5393



135.4740, -39.1807, 13.6163



123.6630, -12.6519, -48.8165

# Sweetspot

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



135.4800, 42.1614, -36.3780



225.7070, 14.4414, -12.0210



177.6690, -1.8088, -73.3777



110.2470, 8.7522, -7.2326



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.



135.4800, 42.1614, -36.3780



136.6320, 58.3554, -50.5433



113.5610, 52.9674, -2.2460



102.6020, 3.6472, -3.1590



56.7030, 57.3344, -49.7285



15.2230, 15.1731, -13.3506



# Inverse Universe

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



137.2170, 1.3720, 73.4777



138.9200, 2.0114, 101.8022



201.4390, -52.9674, 2.2460



102.7450, 0.1257, 6.3626



58.9090, 2.0169, 100.0578



15.6920, 0.6448, 26.5801



# Previews

## White Background



This preview shows how the YUV color 135.4800, 42.1614, -36.3780 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

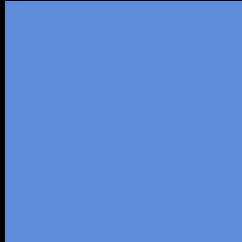
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 135.4800, 42.1614, -36.3780 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

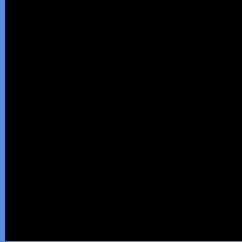
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

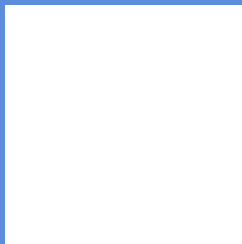
Any Text WCAG AAA × Fail

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

# YUV 135.4800, 42.1614, -36.3780 Background



This preview shows how black text looks on a background with the YUV color 135.4800, 42.1614, -36.3780.



This preview shows how white text looks on a background with the YUV color 135.4800, 42.1614, -36.3780.



# 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

135.4800, 42.1614, -36.3780

### Protanopia

138.1610, 39.3606, -24.6972

### Deuteranopia

135.7790, 42.0140, -35.7632



## Tritanopia

129.1490, 17.1815, -50.9967

# Trichromacy



## Original Color

135.4800, 42.1614, -36.3780

## Protanomaly

137.0680, 40.3925, -29.0006

## Deuteranomaly

135.7790, 42.0140, -35.7632

## Tritanomaly

131.5870, 26.3326, -46.1188

# Monochromacy



## Original Color

135.4800, 42.1614, -36.3780

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

135.2230, 15.1731, -13.3506

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.4800, 42.1614, -36.3780 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(94, 140, 221)` looks like.

```
.text, #text, p{  
    color:rgb(94, 140, 221)  
}
```

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(94, 140, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 140, 221) }
```

## Border

The CSS property to change the border of an element to YUV 135.4800, 42.1614, -36.3780 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(94, 140, 221) }
```



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

```
.border{ border-color:rgb(94, 140, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 140, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 140, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 140, 221);  
box-shadow:4px 4px 4px 4px rgb(94, 140,  
221) }
```

# Background

The CSS property to change the background color of an element to YUV 135.4800, 42.1614, -36.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 140, 221) }
```

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

```
.background{ background-color: rgb(94, 140,  
221) }
```

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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