

# Converting Colors

YUV(135.1610, 52.6716,  
-47.4992)

Have a look what the booklet for  
YUV(135.1610, 52.6716, -47.4992)  
contains.

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# Color

**YUV(135.1610, 52.6716,  
-47.4992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	518EF2
RGB	81, 142, 242
RGB Percent	32%, 56%, 95%
CMY	0.6824, 0.4431, 0.0510
CMYK	0.67, 0.41, 0.00, 0.05
HSL	217°, 86%, 63%
HSV	217°, 67%, 95%
XYZ	29.0934, 27.5061, 87.7802
YIQ	135.1610, -68.4560, 18.1680

# Conversions

## Conversions Part 2

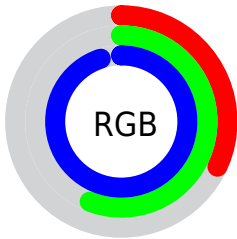
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 125, 242
Decimal	5345010
CIE <sub>Lab</sub>	59.44, 11.80, -56.07
CIE <sub>LCh</sub>	59, 57.300, 281.880
Yxy	27.5061, 0.2015, 0.1905
Android (android.graphics.Color)	4283535090 (0xFF518EF2)
YUV	135.1610, 52.6716, -47.4992
Hunter-Lab	52.4463, 7.2377, -62.5223

# Details

The YUV color **135.1610, 52.6716, -47.4992** 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 **187.8390, -52.6716, 47.4992**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.8900, 33.5782, -36.7375**, and **75.6810, 53.8943, -66.3722** is the 20% darker color. If you saturate the color by 10%, you get **119.1800, 60.5503, -54.5319**, and if you desaturate by 10%, it is **151.1420, 44.7930, -40.4665**.

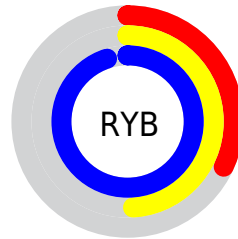
# Distribution



Red (32%)

Green (56%)

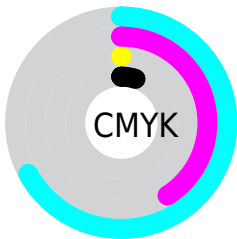
Blue (95%)



Red (32%)

Yellow (49%)

Blue (95%)

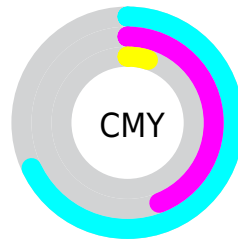


Cyan (67%)

Magenta (41%)

Yellow (0%)

Black (5%)



Cyan (68%)

Magenta (44%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.1610, 52.6716, -47.4992 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 135.1610, 52.6716, -47.4992 by changing the saturation by 10% instead.



■ 135.1610, 52.6716,  
-47.4992

■ 135.1610, 52.6716,  
-47.4992

■ 255.0000, 0.0000,  
0.0000

■ 105.2200, 53.1355,  
-56.3209

■ 186.8900, 33.5782,  
-36.7375

■ 75.6810, 53.8943,  
-66.3722

■ 212.2960, 21.0531,  
-32.7086

■ 59.1020, 48.7567,  
-51.8325

■ 238.0010, 8.3805,  
-28.0649

■ 43.1100, 43.3298,  
-37.8075

■ 249.3190, 2.8007,  
-11.6808

■ 28.9930, 37.4715,  
-25.4269

■ 10.9950, 34.5125,  
-9.6426

■ 9.4330, 23.4505,

-8.2727

■ 5.0500, 14.2723,  
-4.4289

■ 0.9120, 3.4944,  
-0.7998

■ 135.1610, 52.6716,  
-47.4992

■ 135.1610, 52.6716,  
-47.4992

■ 119.1800, 60.5503,  
-54.5319

■ 151.1420, 44.7930,  
-40.4665

■ 103.1990, 68.4289,  
-61.5645

■ 167.1230, 36.9144,  
-33.4339

■ 86.9190, 76.4549,  
-69.2120

■ 183.4030, 28.8883,  
-25.7864

■ 81.5920, 79.0811,  
-71.5562

■ 199.3840, 21.0097,  
-18.7538

■ 215.3650, 13.1311,  
-11.7211

■ 231.3460, 5.2524,  
-4.6884

■ 247.3270, -2.6262,  
2.3442

■ 253.5180, -5.6784,  
1.2997

# Harmonies

## Analogous

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



119.4050, 58.9603, -104.7182



135.1610, 52.6716, -47.4992



147.4210, 35.2884, 21.5558

# Triad

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



135.1610, 52.6716, -47.4992



140.1500, -30.6399, 74.4135



109.3950, 0.2983, -95.9394

# Complementary

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



135.1610, 52.6716, -47.4992



187.8390, -52.6716, 47.4992

# 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.



128.9200, -32.4986, -29.7478



135.1610, 52.6716, -47.4992



138.5170, -47.5829, 48.6586

# Square

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



135.1610, 52.6716, -47.4992



140.8670, -7.8224, 82.5546



135.2000, -50.3846, 13.8566



116.4970, 22.4330, -102.1679



# Rectangle

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



135.1610, 52.6716, -47.4992



146.4760, 21.9503, 53.0795



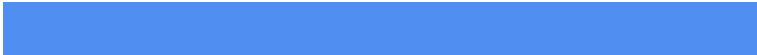
135.2000, -50.3846, 13.8566



115.8400, -11.2601, -75.2817

# Sweetspot

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



135.1610, 52.6716, -47.4992



220.9670, 16.7783, -14.8801



186.7930, -3.3489, -92.7805



106.9910, 10.3574, -8.7621



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.



135.1610, 52.6716, -47.4992



119.4550, 66.8237, -60.0350



105.0350, 67.5237, -4.4157



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.



136.0930, 2.9122, 92.8804



120.7740, 3.5624, 117.7162



217.9650, -67.5237, 4.4157



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 135.1610, 52.6716, -47.4992 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

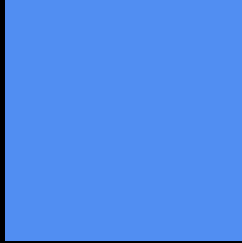
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 135.1610, 52.6716, -47.4992 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

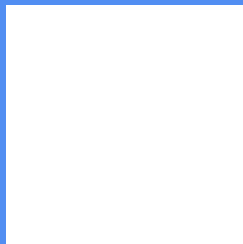
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 135.1610, 52.6716, -47.4992

## Background



This preview shows how black text looks on a background with the YUV color 135.1610, 52.6716, -47.4992.



This preview shows how white text looks on a background with the YUV color 135.1610, 52.6716, -47.4992.



# 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

135.1610, 52.6716, -47.4992

### Protanopia

138.7390, 49.4287, -33.9741

### Deuteranopia

133.0460, 53.7143, -55.2913



## Tritanopia

121.1070, 24.1042, -78.1468

# Trichromacy



## Original Color

135.1610, 52.6716, -47.4992

## Protanomaly

137.3470, 50.6079, -38.8923

## Deuteranomaly

133.6550, 53.4141, -52.3174

## Tritanomaly

126.5180, 34.2546, -67.1063

# Monochromacy



## Original Color

135.1610, 52.6716, -47.4992

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

135.2270, 19.1151, -17.7391

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.1610, 52.6716, -47.4992 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(81, 142, 242)` looks like.

```
.text, #text, p{  
    color:rgb(81, 142, 242)  
}
```

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(81, 142, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 142, 242) }
```

## Border

The CSS property to change the border of an element to YUV 135.1610, 52.6716, -47.4992 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(81, 142, 242) }
```



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

```
.border{ border-color:rgb(81, 142, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 142, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 142, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 142, 242);  
box-shadow:4px 4px 4px 4px rgb(81, 142,  
242) }
```

# Background

The CSS property to change the background color of an element to YUV 135.1610, 52.6716, -47.4992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 142, 242) }
```

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

```
.background{ background-color: rgb(81, 142,  
242) }
```

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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