

# Converting Colors

YUV(124.9510, 47.8452,  
-39.4220)

Have a look what the booklet for  
YUV(124.9510, 47.8452, -39.4220)  
contains.

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# Color

**YUV(124.9510, 47.8452,  
-39.4220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5081DE
RGB	80, 129, 222
RGB Percent	31%, 51%, 87%
CMY	0.6863, 0.4941, 0.1294
CMYK	0.64, 0.42, 0.00, 0.13
HSL	219°, 68%, 59%
HSV	219°, 64%, 87%
XYZ	24.3433, 22.6799, 72.2019
YIQ	124.9510, -59.0570, 18.5350

# Conversions

## Conversions Part 2

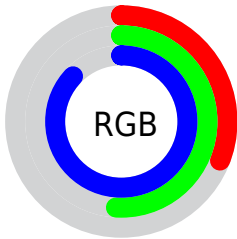
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 116, 222
Decimal	5276126
CIE <sub>Lab</sub>	54.74, 12.61, -52.44
CIE <sub>LCh</sub>	55, 53.933, 283.522
Yxy	22.6799, 0.2042, 0.1902
Android (android.graphics.Color)	4283466206 (0xFF5081DE)
YUV	124.9510, 47.8452, -39.4220
Hunter-Lab	47.6234, 7.9016, -56.5531

# Details

The YUV color **124.9510, 47.8452, -39.4220** 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 **177.0490, -47.8452, 39.4220**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4760, 38.2193, -31.9895**, and **66.4710, 49.0678, -58.2951** is the 20% darker color. If you saturate the color by 10%, you get **109.5680, 55.4290, -45.2251**, and if you desaturate by 10%, it is **140.3340, 40.2613, -33.6189**.

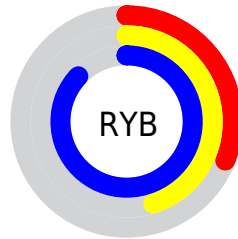
# Distribution



Red (31%)

Green (51%)

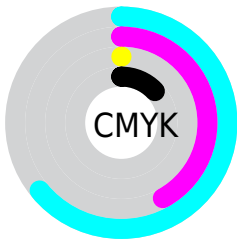
Blue (87%)



Red (31%)

Yellow (45%)

Blue (87%)

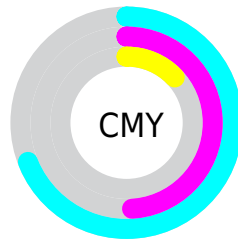


Cyan (64%)

Magenta (42%)

Yellow (0%)

Black (13%)



Cyan (69%)

Magenta (49%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.9510, 47.8452, -39.4220 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 124.9510, 47.8452, -39.4220 by changing the saturation by 10% instead.



■ 124.9510, 47.8452,  
-39.4220

■ 124.9510, 47.8452,  
-39.4220

■ 255.0000, 0.0000,  
0.0000

■ 96.3200, 48.1562,  
-45.8846

■ 177.4760, 38.2193,  
-31.9895

■ 66.4710, 49.0678,  
-58.2951

■ 202.8820, 25.6942,  
-27.9605

■ 49.8920, 43.9302,  
-43.7553

■ 228.2880, 13.1690,  
-23.9316

■ 35.1880, 38.3613,  
-30.8599

■ 247.8240, 3.5378,  
-14.7546

■ 20.5980, 33.2292,  
-18.0644

■ 11.4050, 25.9293,  
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,  
-2.4144

■ 0.0000, 0.0000,  
0.0000

■ 124.9510, 47.8452,  
-39.4220

■ 124.9510, 47.8452,  
-39.4220

■ 109.5680, 55.4290,  
-45.2251

■ 140.3340, 40.2613,  
-33.6189

■ 94.7720, 62.7234,  
-51.5430

■ 155.1300, 32.9669,  
-27.3010

■ 79.0900, 70.4546,  
-57.9609

■ 170.8120, 25.2357,  
-20.8831

■ 70.5070, 74.6860,  
-61.8346

■ 185.6080, 17.9413,  
-14.5652

■ 200.9910, 10.3574,  
-8.7621

■ 215.7870, 3.0630,  
-2.4442

■ 231.1700, -4.5208,  
3.3589

■ 245.3680,  
-11.5204, 8.4473

■ 251.2380,  
-14.4143, 3.2993

# Harmonies

## Analogous

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



109.0210, 54.7126, -95.6114



124.9510, 47.8452, -39.4220



134.5090, 31.7941, 22.3556

# Triad

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



124.9510, 47.8452, -39.4220



128.4480, -29.3079, 67.1361



100.9660, 1.0028, -88.5472

# Complementary

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



124.9510, 47.8452, -39.4220



177.0490, -47.8452, 39.4220

# 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.



117.2450, -28.7148, -30.0329



124.9510, 47.8452, -39.4220



126.8800, -44.8038, 43.9552

# Square

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



124.9510, 47.8452, -39.4220



129.0080, -8.3849, 76.2920



123.0300, -45.8638, 10.4977



107.0250, 21.6797, -93.8609



# Rectangle

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



124.9510, 47.8452, -39.4220



134.0690, 19.1930, 50.8055



123.0300, -45.8638, 10.4977



101.8550, -7.3235, -77.9258

# Sweetspot

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



124.9510, 47.8452, -39.4220



221.8640, 16.3360, -13.0357



173.8420, -0.9081, -82.2994



107.2900, 10.2100, -8.1473



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.



124.9510, 47.8452, -39.4220



120.6730, 66.2232, -54.0872



102.4670, 58.9298, -1.2866



104.6020, 3.6472, -3.1590



55.8710, 59.2236, -48.9989



15.4510, 16.0467, -13.5505



# Inverse Universe

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



128.0440, 0.4713, 82.3994



125.2420, 0.3737, 113.7978



199.5330, -58.9298, 1.2866



104.7450, 0.1257, 6.3626



59.5780, 0.7010, 102.1021



16.2900, 0.3500, 27.8097



# Previews

## White Background



This preview shows how the YUV color 124.9510, 47.8452, -39.4220 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 124.9510, 47.8452, -39.4220 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

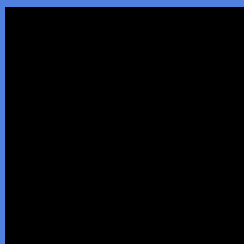
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

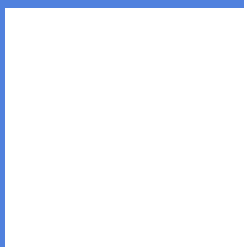
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 124.9510, 47.8452, -39.4220

## Background



This preview shows how black text looks on a background with the YUV color 124.9510, 47.8452, -39.4220.



This preview shows how white text looks on a background with the YUV color 124.9510, 47.8452, -39.4220.

-39.4220.

# 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

124.9510, 47.8452, -39.4220

### Protanopia

126.8380, 45.9289, -31.4299

### Deuteranopia

121.8140, 48.8987, -50.7029



## Tritanopia

114.7560, 19.8403, -63.8070

# Trichromacy



## Original Color

124.9510, 47.8452, -39.4220

## Protanomaly

126.3430, 46.6659, -34.5038

## Deuteranomaly

123.0210, 48.3036, -46.4994

## Tritanomaly

118.7430, 29.7067, -55.0256

# Monochromacy



## Original Color

124.9510, 47.8452, -39.4220

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.7930, 17.3571, -13.8505

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.9510, 47.8452, -39.4220 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(80, 129, 222)` looks like.

```
.text, #text, p{  
    color:rgb(80, 129, 222)  
}
```

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(80, 129, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 129, 222) }
```

## Border

The CSS property to change the border of an element to YUV 124.9510, 47.8452, -39.4220 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(80, 129, 222) }
```



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

```
.border{ border-color:rgb(80, 129, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 129, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 129, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 129, 222);  
box-shadow:4px 4px 4px 4px rgb(80, 129,  
222) }
```

# Background

The CSS property to change the background color of an element to YUV 124.9510, 47.8452, -39.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 129, 222) }
```

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

```
.background{ background-color: rgb(80, 129,  
222) }
```

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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