

# Converting Colors

YUV(104.7750, 51.3829,  
-54.1767)

Have a look what the booklet for  
YUV(104.7750, 51.3829, -54.1767)  
contains.

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# Color

**YUV(104.7750, 51.3829,  
-54.1767)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B74D1
RGB	43, 116, 209
RGB Percent	17%, 45%, 82%
CMY	0.8314, 0.5451, 0.1804
CMYK	0.79, 0.44, 0.00, 0.18
HSL	214°, 66%, 49%
HSV	214°, 79%, 82%
XYZ	18.7503, 17.6078, 62.7320
YIQ	104.7750, -73.3610, 13.4470

# Conversions

## Conversions Part 2

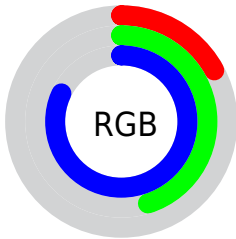
<b>Format</b>	<b>Color</b>
RYP	43, 94, 209
Decimal	2847953
CIELab	49.02, 10.82, -54.32
CIElCh	49, 55.390, 281.267
Yxy	17.6078, 0.1892, 0.1777
Android (android.graphics.Color)	4281038033 (0xFF2B74D1)
YUV	104.7750, 51.3829, -54.1767
Hunter-Lab	41.9617, 6.3285, -59.2644

# Details

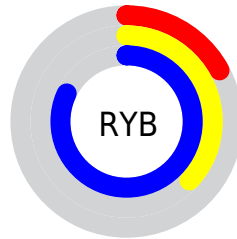
The YUV color **104.7750, 51.3829, -54.1767** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **147.2250, -51.3829, 54.1767**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.1850, 46.2508, -41.3812**, and **58.0590, 47.2989, -50.9177** is the 20% darker color. If you saturate the color by 10%, you get **91.4520, 57.9512, -60.9094**, and if you desaturate by 10%, it is **118.0980, 44.8147, -47.4439**.

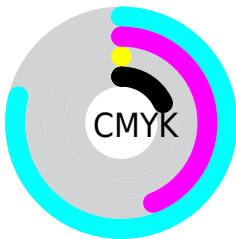
# Distribution



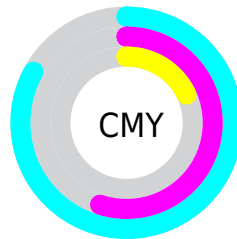
- Red (17%)
- Green (45%)
- Blue (82%)



- Red (17%)
- Yellow (37%)
- Blue (82%)



- Cyan (79%)
- Magenta (44%)
- Yellow (0%)
- Black (18%)



- Cyan (83%)
- Magenta (55%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.7750, 51.3829, -54.1767 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 104.7750, 51.3829, -54.1767 by changing the saturation by 10% instead.



■ 104.7750, 51.3829,  
-54.1767

■ 104.7750, 51.3829,  
-54.1767

255.0000, 0.0000,  
0.0000

■ 74.6380, 52.4365,  
-65.4575

■ 161.1850, 46.2508,  
-41.3812

■ 58.0590, 47.2989,  
-50.9177

■ 186.3030, 33.8676,  
-36.2227

■ 42.0670, 41.8720,  
-36.8928

■ 211.7090, 21.3425,  
-32.1938

■ 28.0640, 36.4504,  
-24.6121

■ 237.7020, 8.5279,  
-28.6797

■ 11.1260, 32.4759,  
-9.7575

■ 249.0200, 2.9481,  
-12.2955

■ 8.9770, 21.7033,  
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,  
-0.2000

■ 0.0000, 0.0000,  
0.0000

■ 104.7750, 51.3829,  
-54.1767

■ 104.7750, 51.3829,  
-54.1767

■ 91.4520, 57.9512,  
-60.9094

■ 118.0980, 44.8147,  
-47.4439

■ 78.7160, 64.2300,  
-68.1569

■ 130.8340, 38.5358,  
-40.1964

■ 77.8300, 64.6668,  
-68.2569

■ 144.1570, 31.9676,  
-33.4637

■ 157.4800, 25.3994,  
-26.7310

■ 170.8030, 18.8311,  
-19.9982

■ 183.2400, 12.6997,  
-13.3655

■ 196.5630, 6.1314,  
-6.6328

■ 209.8860, -0.4368,  
0.1000

■ 222.6220, -6.7156,  
7.3475

# Harmonies

## Analogous

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



99.6800, 51.9228, -87.4194



104.7750, 51.3829, -54.1767



119.9430, 33.5521, 18.4670

# Triad

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



104.7750, 51.3829, -54.1767



112.3280, -27.2767, 68.9953



89.5220, -2.2293, -78.5108

# Complementary

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



104.7750, 51.3829, -54.1767



147.2250, -51.3829, 54.1767

# 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.



102.5720, -31.3410, -27.6886



104.7750, 51.3829, -54.1767



111.1360, -46.4090, 45.4847

# Square

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



104.7750, 51.3829, -54.1767



112.1160, -5.4802, 77.9513



107.2170, -52.8580, 13.8417



96.1680, 18.1582, -84.3393



# Rectangle

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



104.7750, 51.3829, -54.1767



118.6280, 21.3824, 48.5612



107.2170, -52.8580, 13.8417



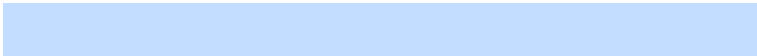
87.1110, -8.9287, -76.3963

# Sweetspot

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



104.7750, 51.3829, -54.1767



216.8030, 18.8311, -19.9982



150.8160, -8.2903, -94.5546



104.6100, 11.5313, -11.9360



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.



104.7750, 51.3829, -54.1767



102.8100, 75.0297, -78.7634



64.3160, 71.3292, -11.6781



98.1890, 3.3578, -3.6738



62.5900, 51.9671, -54.8914



15.2400, 12.6997, -13.3655



# Inverse Universe

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



100.9560, 7.4167, 94.7546



97.4420, 10.6281, 138.1784



187.6840, -71.3292, 11.6781



97.8590, 0.5625, 6.2627



58.6680, 7.5587, 95.8842



14.3110, 1.8187, 23.4063



# Previews

## White Background



This preview shows how the YUV color 104.7750, 51.3829, -54.1767 looks on a white 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



# Black Background



This preview shows how the YUV color 104.7750, 51.3829, -54.1767 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 104.7750, 51.3829, -54.1767

## Background



This preview shows how black text looks on a background with the YUV color 104.7750, 51.3829, -54.1767.



This preview shows how white text looks on a background with the YUV color 104.7750, 51.3829, -54.1767.



# 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

104.7750, 51.3829, -54.1767

### Protanopia

111.3430, 46.6659, -34.5038

### Deuteranopia

97.2780, 55.0789, -73.0348



## Tritanopia

91.4550, 22.9467, -80.2060

# Trichromacy



## Original Color

104.7750, 51.3829, -54.1767

## Protanomaly

108.7550, 48.4348, -41.8811

## Deuteranomaly

99.9800, 53.7469, -65.7575

## Tritanomaly

96.2680, 33.3919, -70.3950

# Monochromacy



## Original Color

104.7750, 51.3829, -54.1767

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

104.8030, 18.8311, -19.9982

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.7750, 51.3829, -54.1767 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(43, 116, 209)` looks like.

```
.text, #text, p{  
    color:rgb(43, 116, 209)  
}
```

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(43, 116, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 116, 209) }
```

## Border

The CSS property to change the border of an element to YUV 104.7750, 51.3829, -54.1767 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(43, 116, 209) }
```



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

```
.border{ border-color:rgb(43, 116, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 116, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 116, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 116, 209);  
box-shadow:4px 4px 4px 4px rgb(43, 116,  
209) }
```

# Background

The CSS property to change the background color of an element to YUV 104.7750, 51.3829, -54.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 116, 209) }
```

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

```
.background{ background-color: rgb(43, 116,  
209) }
```

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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