

# Converting Colors

YUV(98.1710, 54.1457,  
-53.6470)

Have a look what the booklet for  
YUV(98.1710, 54.1457, -53.6470)  
contains.

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# Color

**YUV(98.1710, 54.1457,  
-53.6470)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	256CD0
RGB	37, 108, 208
RGB Percent	15%, 42%, 82%
CMY	0.8549, 0.5765, 0.1843
CMYK	0.82, 0.48, 0.00, 0.18
HSL	215°, 70%, 48%
HSV	215°, 82%, 82%
XYZ	17.5107, 15.6725, 61.7767
YIQ	98.1710, -74.4160, 16.0480

# Conversions

## Conversions Part 2

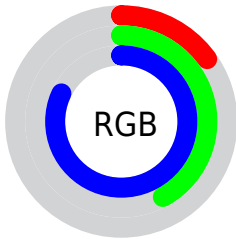
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 87, 208
Decimal	2452688
CIE <sub>Lab</sub>	46.54, 14.93, -57.74
CIE <sub>LCh</sub>	47, 59.639, 284.497
Yxy	15.6725, 0.1844, 0.1650
Android (android.graphics.Color)	4280642768 (0xFF256CD0)
YUV	98.1710, 54.1457, -53.6470
Hunter-Lab	39.5885, 9.6737, -64.8083

# Details

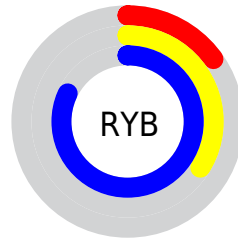
The YUV color **98.1710, 54.1457, -53.6470** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **146.8290, -54.1457, 53.6470**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5920, 49.0081, -39.1072**, and **53.8360, 48.8879, -47.2142** is the 20% darker color. If you saturate the color by 10%, you get **84.8480, 60.7139, -60.3797**, and if you desaturate by 10%, it is **111.4940, 47.5775, -46.9142**.

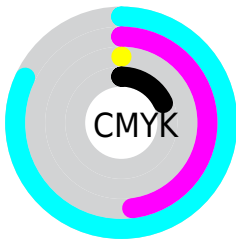
# Distribution



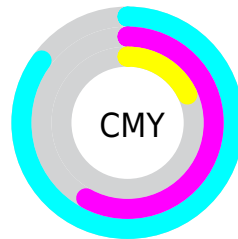
- Red (15%)
- Green (42%)
- Blue (82%)



- Red (15%)
- Yellow (34%)
- Blue (82%)



- Cyan (82%)
- Magenta (48%)
- Yellow (0%)
- Black (18%)



- Cyan (85%)
- Magenta (58%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 98.1710, 54.1457, -53.6470 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 98.1710, 54.1457, -53.6470 by changing the saturation by 10% instead.



■ 98.1710, 54.1457,  
-53.6470

■ 98.1710, 54.1457,  
-53.6470

255.0000, 0.0000,  
0.0000

■ 69.8280, 54.3148,  
-61.2392

■ 155.5920, 49.0081,  
-39.1072

■ 53.8360, 48.8879,  
-47.2142

■ 180.7100, 36.6250,  
-33.9487

■ 38.4310, 43.1715,  
-33.7040

■ 205.5290, 24.3892,  
-29.4049

■ 25.0150, 37.4606,  
-21.9382

■ 230.9350, 11.8640,  
-25.3760

■ 13.9470, 30.5921,  
-12.2315

■ 248.4220, 3.2430,  
-13.5251

■ 8.2760, 21.5559,  
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,  
0.0000

■ 98.1710, 54.1457,  
-53.6470

■ 98.1710, 54.1457,  
-53.6470

■ 84.8480, 60.7139,  
-60.3797

■ 111.4940, 47.5775,  
-46.9142

■ 74.1940, 65.9664,  
-65.0681

■ 124.8170, 41.0092,  
-40.1815

■ 137.8410, 34.5884,  
-34.0636

■ 151.7510, 27.7308,  
-27.8456

■ 165.0740, 21.1625,  
-21.1129

■ 178.3970, 14.5943,  
-14.3802

■ 191.7200, 8.0260,  
-7.6474

■ 204.7440, 1.6052,  
-1.5295

■ 218.0670, -4.9630,  
5.2032

# Harmonies

## Analogous

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



95.7990, 54.8221, -84.0157



98.1710, 54.1457, -53.6470



113.1010, 33.9672, 25.3444

# Triad

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



98.1710, 54.1457, -53.6470



104.9000, -31.5027, 71.1247



86.2450, -2.0928, -75.6369

# Complementary

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



98.1710, 54.1457, -53.6470



146.8290, -54.1457, 53.6470

# 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.



92.3320, -30.7297, -37.1252



98.1710, 54.1457, -53.6470



103.5720, -51.0610, 44.2254

# Square

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



98.1710, 54.1457, -53.6470



102.4050, -7.1017, 84.7138



101.2810, -49.9315, 8.5236



93.3470, 20.0419, -81.8653



# Rectangle

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



98.1710, 54.1457, -53.6470



109.7970, 21.7921, 57.1830



101.2810, -49.9315, 8.5236



83.6060, -9.6658, -73.3225

# Sweetspot

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



98.1710, 54.1457, -53.6470



214.1450, 20.1415, -20.2982



148.7770, -5.8061, -98.0284



102.8380, 12.4049, -12.1359



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.



98.1710, 54.1457, -53.6470



92.7760, 79.9764, -78.7336



60.6800, 72.6288, -8.4894



97.6020, 3.6472, -3.1590



60.2420, 53.1247, -52.8322



14.6530, 12.9891, -12.8507



# Inverse Universe

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



96.2230, 5.8061, 98.0284



90.2040, 8.2804, 144.5261



184.3200, -72.6288, 8.4894



97.7450, 0.1257, 6.3626



58.2120, 5.8115, 96.2841



14.1970, 1.3819, 23.5062



# Previews

## White Background



This preview shows how the YUV color 98.1710, 54.1457, -53.6470 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 98.1710, 54.1457, -53.6470 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

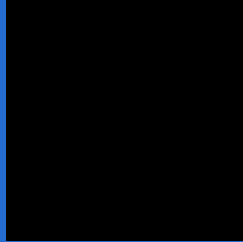
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 98.1710, 54.1457, -53.6470

## Background



This preview shows how black text looks on a background with the YUV color 98.1710, 54.1457, -53.6470.



This preview shows how white text looks on a background with the YUV color 98.1710, 54.1457, -53.6470.



# 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

98.1710, 54.1457, -53.6470

### Protanopia

102.4500, 51.0502, -40.7366

### Deuteranopia

88.0880, 53.2006, -77.2532



## Tritanopia

86.4340, 21.4780, -75.8026

# Trichromacy



## Original Color

98.1710, 54.1457, -53.6470

## Protanomaly

101.0580, 52.2294, -45.6549

## Deuteranomaly

91.8440, 53.3209, -69.1462

## Tritanomaly

90.5780, 33.2390, -68.0359

# Monochromacy



## Original Color

98.1710, 54.1457, -53.6470

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

98.3300, 19.5573, -19.5834

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.1710, 54.1457, -53.6470 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(37, 108, 208)` looks like.

```
.text, #text, p{  
    color:rgb(37, 108, 208)  
}
```

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(37, 108, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 108, 208) }
```

## Border

The CSS property to change the border of an element to YUV 98.1710, 54.1457, -53.6470 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(37, 108, 208) }
```



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

```
.border{ border-color:rgb(37, 108, 208) }
```

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

Here you see how a box with a 4 pixel rgb(37, 108, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 108, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 108, 208);  
box-shadow:4px 4px 4px 4px rgb(37, 108,  
208) }
```

# Background

The CSS property to change the background color of an element to YUV 98.1710, 54.1457, -53.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 108, 208) }
```

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

```
.background{ background-color: rgb(37, 108,  
208) }
```

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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