

# Converting Colors

YUV(54.1710, 17.1707,  
-47.5080)

Have a look what the booklet for  
YUV(54.1710, 17.1707, -47.5080)  
contains.

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# Color

**YUV(54.1710, 17.1707,  
-47.5080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004B59
RGB	0, 75, 89
RGB Percent	0%, 29%, 35%
CMY	1.0000, 0.7059, 0.6510
CMYK	1.00, 0.16, 0.00, 0.65
HSL	189°, 100%, 17%
HSV	189°, 100%, 35%
XYZ	4.3192, 5.7534, 10.3341
YIQ	54.1710, -49.1940, -11.5460

# Conversions

## Conversions Part 2

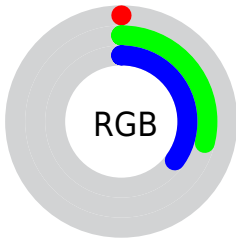
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 41, 89
Decimal	19289
CIELab	28.78, -14.60, -14.02
CIELCh	29, 20.239, 223.843
Yxy	5.7534, 0.2117, 0.2819
Android (android.graphics.Color)	4278209369 (0xFF004B59)
YUV	54.1710, 17.1707, -47.5080
Hunter-Lab	23.9863, -9.8332, -8.7536

# Details

The YUV color **54.1710, 17.1707, -47.5080** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **34.8290, -17.1707, 47.5080**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.3680, 15.1016, -37.1567**, and **23.0990, 9.8112, -20.2578** is the 20% darker color. If you saturate the color by 10%, you get **54.1710, 17.1707, -47.5080**, and if you desaturate by 10%, it is **57.4490, 15.5546, -42.4898**.

# Distribution



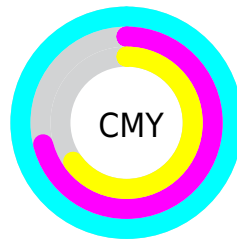
- Red (0%)
- Green (29%)
- Blue (35%)



- Red (0%)
- Yellow (16%)
- Blue (35%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (71%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 54.1710, 17.1707, -47.5080 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 54.1710, 17.1707, -47.5080 by changing the saturation by 10% instead.



■ 54.1710, 17.1707,  
-47.5080

■ 54.1710, 17.1707,  
-47.5080

■ 255.0000, 0.0000,  
0.0000

■ 38.0480, 13.7803,  
-33.3681

■ 108.3680, 15.1016,  
-37.1567

■ 23.0990, 9.8112,  
-20.2578

■ 134.3680, 15.1016,  
-37.1567

■ 3.2090, 9.7570,  
-2.8143

■ 161.3680, 15.1016,  
-37.1567

■ 0.0000, 0.0000,  
0.0000

■ 188.4820, 15.5384,  
-37.2567

■ 216.5960, 15.9752,  
-37.3567

■ 239.1530, 7.8126,

-32.5832

■ 247.8240, 3.5378,  
-14.7546

■ 54.1710, 17.1707,  
-47.5080

■ 57.4490, 15.5546,  
-42.4898

■ 61.3140, 13.6492,  
-37.9864

■ 64.5920, 12.0331,  
-32.9682

■ 68.4570, 10.1277,  
-28.4648

■ 71.7350, 8.5116,  
-23.4466

■ 74.7140, 7.0430,  
-19.0432

■ 78.5790, 5.1376,  
-14.5398

■ 81.8570, 3.5215,  
-9.5216

■ 85.7220, 1.6161,  
-5.0182

# Harmonies

## Analogous

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



55.5540, 9.5869, -41.7049



54.1710, 17.1707, -47.5080



62.1070, 17.6952, -29.0348

# Triad

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



54.1710, 17.1707, -47.5080



70.0440, 3.4293, 20.1324



65.9500, -14.2724, 4.4288

# Complementary

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



54.1710, 17.1707, -47.5080



34.8290, -17.1707, 47.5080

# 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.



67.3150, -14.4523, 15.5097



54.1710, 17.1707, -47.5080



69.1280, -4.0071, 25.3207

# Square

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



54.1710, 17.1707, -47.5080



69.6880, 10.0138, 8.1666



68.3960, -10.5482, 23.3317



63.8280, -9.2822, -9.4962



# Rectangle

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



54.1710, 17.1707, -47.5080



66.1410, 16.1995, -15.9097



68.3960, -10.5482, 23.3317



66.7440, -15.1568, 8.1175

# Sweetspot

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



54.1710, 17.1707, -47.5080



101.0130, 6.8956, -18.4284



53.7250, -20.0774, -47.1168



50.3730, 4.2531, -10.8511



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.1710, 17.1707, -47.5080



70.0490, 22.1608, -61.4330



28.3430, 29.9039, -24.8568



41.8040, 0.5896, -2.4591



65.0280, 20.6922, -57.0296



143.0160, 45.3481, -125.4250



# Inverse Universe

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



35.1610, 19.6406, 47.2168



45.4430, 25.4176, 61.0015



60.6570, -29.9039, 24.8568



40.6520, 1.1576, 2.0592



42.2530, 23.5393, 56.7831



92.8370, 51.8454, 124.6770



# Previews

## White Background



This preview shows how the YUV color 54.1710, 17.1707, -47.5080 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 ✓ Pass



# Black Background



This preview shows how the YUV color 54.1710, 17.1707, -47.5080 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

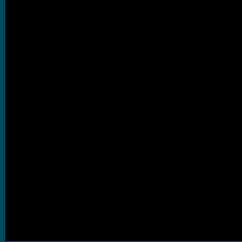
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 54.1710, 17.1707, -47.5080

## Background



This preview shows how black text looks on a background with the YUV color 54.1710, 17.1707, -47.5080.



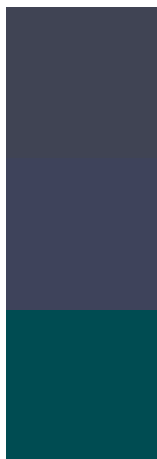
This preview shows how white text looks on a background with the YUV color 54.1710, 17.1707,



# 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



### Protanopia

68.6280, 7.5784, -4.0588

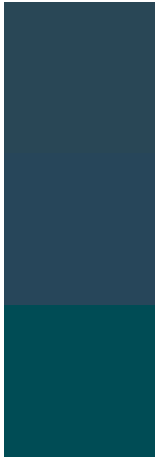
### Deuteranopia

68.2410, 11.2202, -5.4734

### Tritanopia

53.9600, 13.8237, -47.3229

# Trichromacy



## Protanomaly

63.7400, 10.9742, -19.9430

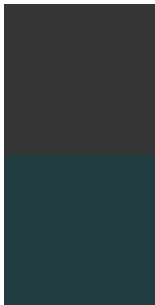
## Deuteranomaly

63.0110, 13.3056, -21.0576

## Tritanomaly

54.3020, 15.1341, -47.6229

# Monochromacy



## Achromatopsia

54.0000, 0.0000, 0.0000

## Achromatomaly

54.1980, 6.3114, -17.7136

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 54.1710, 17.1707, -47.5080 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(0, 75, 89)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 89)  
}
```

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(0, 75, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 89) }
```

## Border

The CSS property to change the border of an element to YUV 54.1710, 17.1707, -47.5080 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(0, 75, 89) }
```

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

```
.border{ border-color:rgb(0, 75, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 75, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 89); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 75, 89); box-shadow:4px  
4px 4px 4px rgb(0, 75, 89) }
```



# Background

The CSS property to change the background color of an element to YUV 54.1710, 17.1707, -47.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 75, 89) }
```

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

```
.background{ background-color: rgb(0, 75,  
89) }
```

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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