

Converting Colors

YUV(57.4480, 17.0341,
-50.3819)

Have a look what the booklet for
YUV(57.4480, 17.0341, -50.3819)
contains.

YUV(57.4480, 17.0341, -50.3819)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(57.4480, 17.0341,
-50.3819)**

Conversions

Conversions Part 1

Format	Color
Hex	00505C
RGB	0, 80, 92
RGB Percent	0%, 31%, 36%
CMY	1.0000, 0.6863, 0.6392
CMYK	1.00, 0.13, 0.00, 0.64
HSL	188°, 100%, 18%
HSV	188°, 100%, 36%
XYZ	4.8004, 6.5100, 11.1288
YIQ	57.4480, -51.5320, -13.2280

Conversions

Conversions Part 2

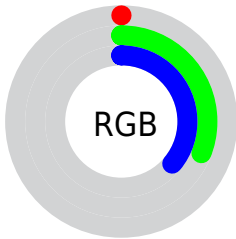
Format	Color
R_{YB}	0, 43, 92
Decimal	20572
CIE _{Lab}	30.66, -16.32, -13.05
CIE _{LCh}	31, 20.898, 218.658
Yxy	6.5100, 0.2139, 0.2901
Android (android.graphics.Color)	4278210652 (0xFF00505C)
YUV	57.4480, 17.0341, -50.3819
Hunter-Lab	25.5148, -11.0673, -8.0002

Details

The YUV color **57.4480, 17.0341, -50.3819** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34.5520, -17.0341, 50.3819**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.9440, 14.8176, -39.4159**, and **25.7890, 9.9640, -22.6170** is the 20% darker color. If you saturate the color by 10%, you get **57.4480, 17.0341, -50.3819**, and if you desaturate by 10%, it is **60.7260, 15.4181, -45.3637**.

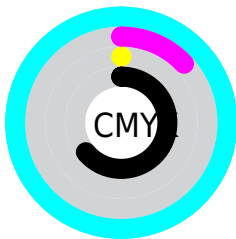
Distribution



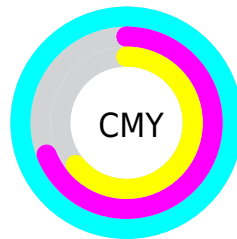
- Red (0%)
- Green (31%)
- Blue (36%)



- Red (0%)
- Yellow (17%)
- Blue (36%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.4480, 17.0341, -50.3819 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 57.4480, 17.0341, -50.3819 by changing the saturation by 10% instead.

■ 57.4480, 17.0341,
-50.3819

■ 57.4480, 17.0341,
-50.3819

■ 255.0000, 0.0000,
0.0000

■ 41.2110, 13.2070,
-36.1420

■ 111.9440, 14.8176,
-39.4159

■ 25.7890, 9.9640,
-22.6170

■ 138.9440, 14.8176,
-39.4159

■ 6.4860, 9.6204,
-5.6882

■ 165.3570, 15.1070,
-38.9011

■ 0.0000, 0.0000,
0.0000

■ 193.0580, 15.2544,
-39.5159

■ 221.6450, 14.9650,
-40.0307

■ 240.0500, 7.3704,

-30.7388

■ 248.4220, 3.2430,
-13.5251

■ 57.4480, 17.0341,
-50.3819

■ 60.7260, 15.4181,
-45.3637

■ 64.0040, 13.8020,
-40.3455

■ 68.1680, 11.7492,
-35.2273

■ 71.4460, 10.1331,
-30.2091

■ 74.7240, 8.5171,
-25.1909

■ 78.0020, 6.9010,
-20.1728

■ 81.2800, 5.2850,
-15.1546

■ 85.4440, 3.2321,
-10.0364

■ 88.7220, 1.6161,
-5.0182

Harmonies

Analogous

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



61.1090, 7.8343, -39.5606



57.4480, 17.0341, -50.3819



64.9000, 18.2903, -33.2383

Triad

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



57.4480, 17.0341, -50.3819



74.0870, 4.8871, 19.2177



70.7330, -15.1514, 6.3732

Complementary

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



57.4480, 17.0341, -50.3819



34.5520, -17.0341, 50.3819

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.



71.9240, -14.7525, 18.4837



57.4480, 17.0341, -50.3819



73.4810, -2.7021, 26.7652

Square

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



57.4480, 17.0341, -50.3819



73.8340, 11.9138, 5.4076



72.9340, -9.8275, 25.4909



68.6820, -11.1822, -6.7371

Rectangle

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



57.4480, 17.0341, -50.3819



69.4610, 17.5207, -19.6983



72.9340, -9.8275, 25.4909



70.9400, -15.7464, 10.5766

Sweetspot

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



57.4480, 17.0341, -50.3819



106.3010, 6.7536, -19.5580



55.2580, -21.8192, -48.4613



52.6610, 4.1111, -11.9807



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



57.4480, 17.0341, -50.3819



74.7280, 22.3191, -65.5365



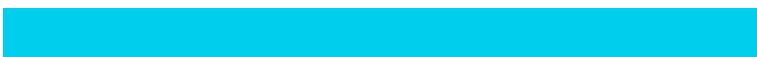
31.0330, 30.0567, -27.2159



43.9180, 1.0264, -2.5591



68.3050, 20.5556, -59.9035



147.9400, 43.9066, -129.7434

Inverse Universe

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



36.6280, 21.3824, 48.5612



47.7360, 27.7382, 63.3755



60.9670, -30.0567, 27.2159



42.9510, 1.0102, 2.6740



43.7200, 25.2810, 58.1276



94.3470, 55.0449, 125.1067

Previews

White Background



This preview shows how the YUV color 57.4480, 17.0341, -50.3819 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 57.4480, 17.0341, -50.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

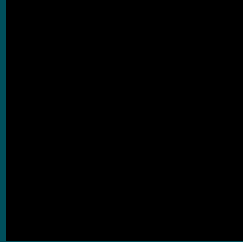
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.4480, 17.0341, -50.3819

Background



This preview shows how black text looks on a background with the YUV color 57.4480, 17.0341, -50.3819.



This preview shows how white text looks on a background with the YUV color 57.4480, 17.0341,

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

72.6990, 6.5574, -3.2440

Deuteranopia

72.7250, 10.4886, -4.1438

Tritanopia

57.4650, 14.5608, -50.3968

Trichromacy



Protanomaly

67.2130, 10.2480, -20.3578

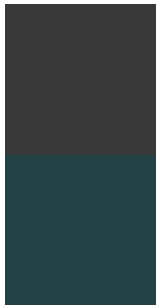
Deuteranomaly

66.8970, 12.8688, -20.9577

Tritanomaly

57.6930, 15.4344, -50.5968

Monochromacy



Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8990, 6.4588, -18.3284

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.4480, 17.0341, -50.3819 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, 80, 92)` looks like.

```
.text, #text, p{  
    color:rgb(0, 80, 92)  
}
```

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, 80, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 80, 92) }
```

Border

The CSS property to change the border of an element to YUV 57.4480, 17.0341, -50.3819 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, 80, 92) }
```

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

```
.border{ border-color:rgb(0, 80, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 80, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 80, 92); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 80, 92); box-shadow:4px  
4px 4px 4px rgb(0, 80, 92) }
```


Background

The CSS property to change the background color of an element to YUV 57.4480, 17.0341, -50.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 80, 92) }
```

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

```
.background{ background-color: rgb(0, 80,  
92) }
```

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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