

Converting Colors

YUV(54.4960, 20.9545,
-47.7930)

Have a look what the booklet for
YUV(54.4960, 20.9545, -47.7930)
contains.

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Color

**YUV(54.4960, 20.9545,
-47.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	004A61
RGB	0, 74, 97
RGB Percent	0%, 29%, 38%
CMY	1.0000, 0.7098, 0.6196
CMYK	1.00, 0.24, 0.00, 0.62
HSL	194°, 100%, 19%
HSV	194°, 100%, 38%
XYZ	4.6064, 5.7606, 12.1784
YIQ	54.4960, -51.4870, -8.5350

Conversions

Conversions Part 2

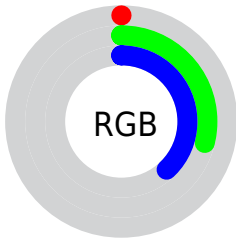
Format	Color
R _{YB}	0, 42, 97
Decimal	19041
CIE Lab	28.80, -10.81, -19.12
CIE LCh	29, 21.963, 240.522
Yxy	5.7606, 0.2043, 0.2555
Android (android.graphics.Color)	4278209121 (0xFF004A61)
YUV	54.4960, 20.9545, -47.7930
Hunter-Lab	24.0013, -7.7437, -13.2831

Details

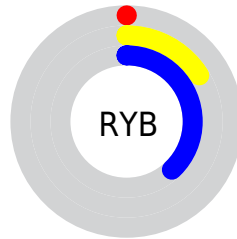
The YUV color **54.4960, 20.9545, -47.7930** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **42.5040, -20.9545, 47.7930**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.4050, 19.0273, -36.3122**, and **23.3100, 13.1582, -20.4429** is the 20% darker color. If you saturate the color by 10%, you get **54.4960, 20.9545, -47.7930**, and if you desaturate by 10%, it is **58.6600, 18.9016, -42.6748**.

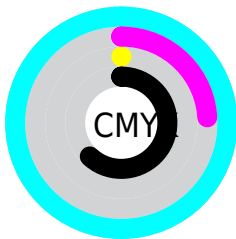
Distribution



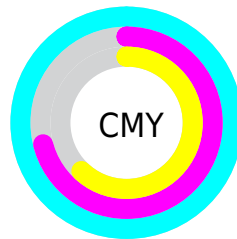
- Red (0%)
- Green (29%)
- Blue (38%)



- Red (0%)
- Yellow (16%)
- Blue (38%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.4960, 20.9545, -47.7930 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 54.4960, 20.9545, -47.7930 by changing the saturation by 10% instead.

■ 54.4960, 20.9545,
-47.7930

■ 54.4960, 20.9545,
-47.7930

■ 255.0000, 0.0000,
0.0000

■ 38.2590, 17.1273,
-33.5531

■ 109.4050, 19.0273,
-36.3122

■ 23.3100, 13.1582,
-20.4429

■ 135.4050, 19.0273,
-36.3122

■ 4.5940, 12.5252,
-4.0289

■ 161.9320, 19.7535,
-35.8974

■ 0.0000, 0.0000,
0.0000

■ 189.9320, 19.7535,
-35.8974

■ 217.5900, 18.4431,
-35.5974

■ 240.0500, 7.3704,

-30.7388

■ 248.7210, 3.0955,
-12.9103

■ 54.4960, 20.9545,
-47.7930

■ 58.6600, 18.9016,
-42.6748

■ 63.1120, 16.7068,
-38.6862

■ 67.2760, 14.6539,
-33.5681

■ 71.4400, 12.6011,
-28.4499

■ 76.1910, 10.2588,
-23.8465

■ 80.0560, 8.3534,
-19.3431

■ 84.2200, 6.3005,
-14.2249

■ 88.3840, 4.2477,
-9.1068

■ 92.8360, 2.0529,
-5.1182

Harmonies

Analogous

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



54.3020, 15.1341, -47.6229



54.4960, 20.9545, -47.7930



64.6890, 18.3943, -19.8983

Triad

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



54.4960, 20.9545, -47.7930



69.0510, -0.5181, 26.2653



64.8350, -13.2297, -3.3633

Complementary

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



54.4960, 20.9545, -47.7930



42.5040, -20.9545, 47.7930

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.



66.4130, -16.4726, 10.1618



54.4960, 20.9545, -47.7930



68.7000, -8.2331, 27.4501

Square

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



54.4960, 20.9545, -47.7930



69.7600, 7.5133, 16.8735



67.7610, -14.1792, 21.2576



61.7990, -5.3239, -19.1177

Rectangle

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



54.4960, 20.9545, -47.7930



68.6800, 15.4408, -5.8584



67.7610, -14.1792, 21.2576



65.7000, -15.1351, 1.1401

Sweetspot

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



54.4960, 20.9545, -47.7930



108.3550, 8.2060, -18.7283



59.5610, -18.0246, -52.2350



53.6010, 5.1267, -11.0511



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



54.4960, 20.9545, -47.7930



70.0150, 27.1076, -61.4032



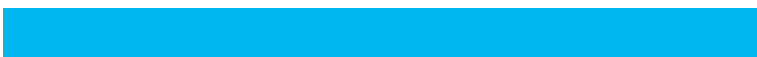
26.3200, 34.8452, -23.0826



46.2170, 0.8790, -1.9443



63.2500, 24.0338, -55.4703



134.7810, 51.8730, -118.2029

Inverse Universe

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



37.4390, 18.0246, 52.2350



48.2050, 23.0699, 67.3492



70.6800, -34.8452, 23.0826



45.5380, 0.7208, 2.1592



43.2920, 21.0550, 60.2569



92.6220, 44.5564, 129.2505

Previews

White Background



This preview shows how the YUV color 54.4960, 20.9545, -47.7930 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 54.4960, 20.9545, -47.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

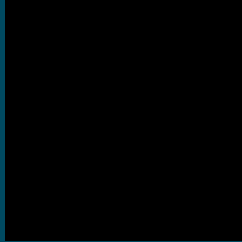
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.4960, 20.9545, -47.7930

Background



This preview shows how black text looks on a background with the YUV color 54.4960, 20.9545, -47.7930.

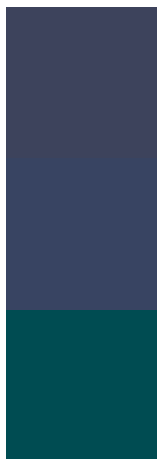


This preview shows how white text looks on a background with the YUV color 54.4960, 20.9545,

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

68.0560, 11.8044, -6.1881

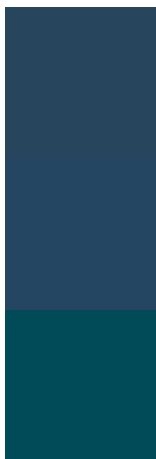
Deuteranopia

67.8320, 14.8728, -10.3767

Tritanopia

53.9600, 13.8237, -47.3229

Trichromacy



Protanomaly

63.4670, 15.0528, -21.4576

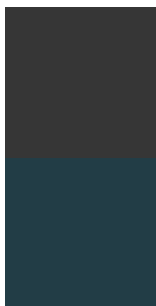
Deuteranomaly

63.0260, 17.2422, -23.7018

Tritanomaly

53.9430, 16.2971, -47.3080

Monochromacy



Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.9530, 7.9112, -17.4988

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.4960, 20.9545, -47.7930 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, 74, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 97)  
}
```

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, 74, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 97) }
```

Border

The CSS property to change the border of an element to YUV 54.4960, 20.9545, -47.7930 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, 74, 97) }
```

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

```
.border{ border-color:rgb(0, 74, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 74, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 74, 97); box-shadow:4px  
4px 4px 4px rgb(0, 74, 97) }
```


Background

The CSS property to change the background color of an element to YUV 54.4960, 20.9545, -47.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 74, 97) }
```

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

```
.background{ background-color: rgb(0, 74,  
97) }
```

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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