

Converting Colors

YUV(54.3820, 20.5177,
-47.6930)

Have a look what the booklet for
YUV(54.3820, 20.5177, -47.6930)
contains.

YUV(54.3820, 20.5177, -47.6930)	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>	31

Color

**YUV(54.3820, 20.5177,
-47.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	004A60
RGB	0, 74, 96
RGB Percent	0%, 29%, 38%
CMY	1.0000, 0.7098, 0.6235
CMYK	1.00, 0.23, 0.00, 0.62
HSL	194°, 100%, 19%
HSV	194°, 100%, 38%
XYZ	4.5601, 5.7421, 11.9343
YIQ	54.3820, -51.1660, -8.8460

Conversions

Conversions Part 2

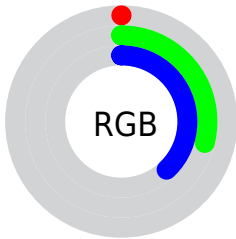
Format	Color
R_{YB}	0, 42, 96
Decimal	19040
CIE _{Lab}	28.75, -11.21, -18.56
CIE _{LCh}	29, 21.681, 238.853
Yxy	5.7421, 0.2051, 0.2582
Android (android.graphics.Color)	4278209120 (0xFF004A60)
YUV	54.3820, 20.5177, -47.6930
Hunter-Lab	23.9627, -7.9660, -12.7548

Details

The YUV color **54.3820, 20.5177, -47.6930** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **41.6180, -20.5177, 47.6930**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.9920, 18.7379, -36.8270**, and **23.3100, 13.1582, -20.4429** is the 20% darker color. If you saturate the color by 10%, you get **54.3820, 20.5177, -47.6930**, and if you desaturate by 10%, it is **58.5460, 18.4648, -42.5748**.

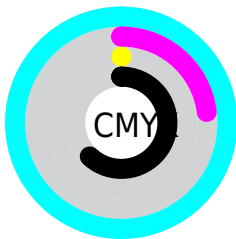
Distribution



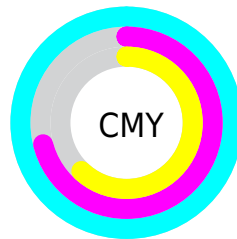
- Red (0%)
- Green (29%)
- Blue (38%)



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



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (62%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 54.3820, 20.5177, -47.6930 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 54.3820, 20.5177, -47.6930 by changing the saturation by 10% instead.

■ 54.3820, 20.5177,
-47.6930

■ 54.3820, 20.5177,
-47.6930

■ 255.0000, 0.0000,
0.0000

■ 38.1450, 16.6905,
-33.4532

■ 108.9920, 18.7379,
-36.8270

■ 23.3100, 13.1582,
-20.4429

■ 135.2910, 18.5905,
-36.2122

■ 4.4800, 12.0884,
-3.9290

■ 161.8180, 19.3167,
-35.7974

■ 0.0000, 0.0000,
0.0000

■ 189.5190, 19.4641,
-36.4122

■ 217.2910, 18.5905,
-36.2122

■ 240.0500, 7.3704,

-30.7388

■ 248.7210, 3.0955,
-12.9103

■ 54.3820, 20.5177,
-47.6930

■ 58.5460, 18.4648,
-42.5748

■ 62.4110, 16.5594,
-38.0714

■ 67.1620, 14.2171,
-33.4681

■ 71.0270, 12.3117,
-28.9647

■ 75.1910, 10.2588,
-23.8465

■ 79.3550, 8.2060,
-18.7283

■ 83.2200, 6.3005,
-14.2249

■ 87.9710, 3.9583,
-9.6216

■ 91.8360, 2.0529,
-5.1182

Harmonies

Analogous

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



54.0740, 14.2605, -47.4229



54.3820, 20.5177, -47.6930



64.8630, 17.8155, -20.9279

Triad

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



54.3820, 20.5177, -47.6930



69.7520, -0.3707, 25.6505



65.1340, -13.3771, -2.7485

Complementary

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



54.3820, 20.5177, -47.6930



41.6180, -20.5177, 47.6930

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.



66.8260, -16.1832, 10.6766



54.3820, 20.5177, -47.6930



68.5150, -7.6489, 26.7353

Square

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



54.3820, 20.5177, -47.6930



70.0480, 7.3713, 15.7439



67.8750, -13.7424, 21.1576



62.2830, -6.0555, -17.7882

Rectangle

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



54.3820, 20.5177, -47.6930



67.9680, 15.2988, -6.9879



67.8750, -13.7424, 21.1576



65.4120, -14.9931, 2.2697

Sweetspot

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



54.3820, 20.5177, -47.6930



108.3550, 8.2060, -18.7283



58.7460, -18.6088, -51.5202



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.



54.3820, 20.5177, -47.6930



70.6020, 26.8182, -61.9180



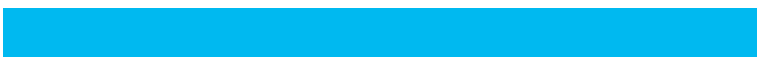
26.7930, 34.1191, -23.4975



46.2170, 0.8790, -1.9443



63.2500, 24.0338, -55.4703



135.9550, 51.2942, -119.2325

Inverse Universe

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



37.1400, 18.1720, 51.6202



48.3190, 23.5067, 67.2492



69.2070, -34.1191, 23.4975



45.5380, 0.7208, 2.1592



43.2920, 21.0550, 60.2569



92.8500, 45.4300, 129.0506

Previews

White Background



This preview shows how the YUV color 54.3820, 20.5177, -47.6930 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 54.3820, 20.5177, -47.6930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

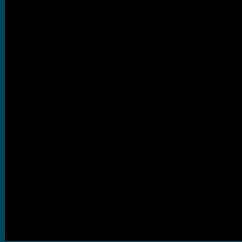
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

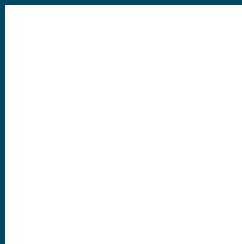
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 54.3820, 20.5177, -47.6930

Background



This preview shows how black text looks on a background with the YUV color 54.3820, 20.5177, -47.6930.



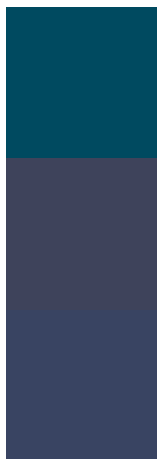
This preview shows how white text looks on a background with the YUV color 54.3820, 20.5177,

-47.6930.

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

54.3820, 20.5177, -47.6930

Protanopia

68.2410, 11.2202, -5.4734

Deuteranopia

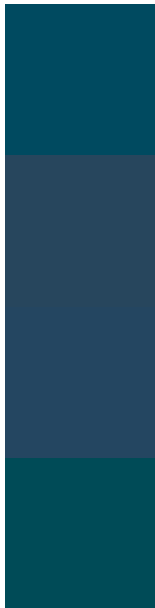
68.1310, 14.7254, -9.7619



Tritanopia

53.9600, 13.8237, -47.3229

Trichromacy



Original Color

54.3820, 20.5177, -47.6930

Protanomaly

63.3530, 14.6160, -21.3576

Deuteranomaly

62.9120, 16.8054, -23.6018

Tritanomaly

53.9430, 16.2971, -47.3080

Monochromacy



Original Color

54.3820, 20.5177, -47.6930

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8390, 7.4744, -17.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.3820, 20.5177, -47.6930 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 96)  
}
```

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, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 96) }
```

Border

The CSS property to change the border of an element to YUV 54.3820, 20.5177, -47.6930 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, 96) }
```


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

```
.border{ border-color:rgb(0, 74, 96) }
```

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, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 74, 96); box-shadow:4px  
4px 4px 4px rgb(0, 74, 96) }
```

Background

The CSS property to change the background color of an element to YUV 54.3820, 20.5177, -47.6930 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, 96) }
```

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

```
.background{ background-color: rgb(0, 74,  
96) }
```

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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