

Converting Colors

YUV(52.8030, 11.9291,
-46.3082)

Have a look what the booklet for
YUV(52.8030, 11.9291, -46.3082)
contains.

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Color

**YUV(52.8030, 11.9291,
-46.3082)**

Conversions

Conversions Part 1

Format	Color
Hex	004B4D
RGB	0, 75, 77
RGB Percent	0%, 29%, 30%
CMY	1.0000, 0.7059, 0.6980
CMYK	1.00, 0.03, 0.00, 0.70
HSL	182°, 100%, 15%
HSV	182°, 100%, 30%
XYZ	3.8556, 5.5680, 7.8927
YIQ	52.8030, -45.3420, -15.2780

Conversions

Conversions Part 2

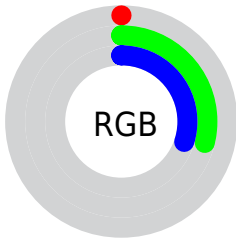
Format	Color
RYB	0, 38, 77
Decimal	19277
CIELab	28.30, -19.13, -7.02
CIELCh	28, 20.375, 200.152
Yxy	5.5680, 0.2227, 0.3215
Android (android.graphics.Color)	4278209357 (0xFF004B4D)
YUV	52.8030, 11.9291, -46.3082
Hunter-Lab	23.5966, -12.1274, -3.3140

Details

The YUV color **52.8030, 11.9291, -46.3082** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **24.1970, -11.9291, 46.3082**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.9890, 9.8654, -37.7014**, and **21.9590, 5.4432, -19.2580** is the 20% darker color. If you saturate the color by 10%, you get **52.8030, 11.9291, -46.3082**, and if you desaturate by 10%, it is **55.1950, 10.7499, -41.3900**.

Distribution



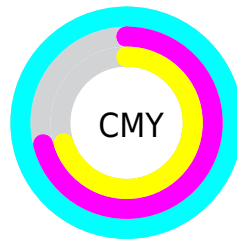
- Red (0%)
- Green (29%)
- Blue (30%)



- Red (0%)
- Yellow (15%)
- Blue (30%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.8030, 11.9291, -46.3082 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 52.8030, 11.9291, -46.3082 by changing the saturation by 10% instead.

■ 52.8030, 11.9291,
-46.3082

■ 52.8030, 11.9291,
-46.3082

■ 255.0000, 0.0000,
0.0000

■ 36.6800, 8.5388,
-32.1684

■ 105.9890, 9.8654,
-37.7014

■ 21.9590, 5.4432,
-19.2580

■ 132.2880, 9.7180,
-37.0866

■ 1.1400, 4.3680,
-0.9998

■ 158.8750, 9.4286,
-37.6014

■ 0.0000, 0.0000,
0.0000

■ 185.9890, 9.8654,
-37.7014

■ 214.5760, 9.5760,
-38.2162

■ 238.2560, 8.2548,

-34.4275

■ 246.6280, 4.1274,
-17.2138

■ 52.8030, 11.9291,
-46.3082

■ 55.1950, 10.7499,
-41.3900

■ 57.2880, 9.7180,
-37.0866

■ 60.2670, 8.2494,
-32.6832

■ 62.6590, 7.0701,
-27.7649

■ 65.0510, 5.8909,
-22.8467

■ 67.1440, 4.8590,
-18.5433

■ 69.5360, 3.6798,
-13.6251

■ 72.5150, 2.2111,
-9.2217

■ 74.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



59.0520, 0.9604, -28.1096



52.8030, 11.9291, -46.3082



53.4100, 18.0389, -45.9636

Triad

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



52.8030, 11.9291, -46.3082



68.7700, 8.9874, 10.7257



66.1900, -14.8837, 13.8654

Complementary

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



52.8030, 11.9291, -46.3082



24.1970, -11.9291, 46.3082

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.



67.3420, -12.0006, 22.5021



52.8030, 11.9291, -46.3082



68.7130, 2.1135, 22.1767

Square

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



52.8030, 11.9291, -46.3082



67.3380, 14.1304, -5.5584



67.7860, -5.3175, 25.6207



64.4550, -13.5353, 1.3550

Rectangle

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



52.8030, 11.9291, -46.3082



59.4980, 17.9955, -32.0087



67.7860, -5.3175, 25.6207



66.3260, -14.4577, 17.2541

Sweetspot

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



52.8030, 11.9291, -46.3082



90.3290, 4.2748, -17.8285



45.3130, -21.8463, -39.7395



45.6180, 2.6533, -11.0660



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



52.8030, 11.9291, -46.3082



68.2250, 15.1721, -59.8333



30.4970, 22.9260, -26.7459



36.8040, 0.5896, -2.4591



69.7410, 15.9037, -61.1629



157.7080, 35.6400, -138.3099

Inverse Universe

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



31.5730, 21.4095, 39.8395



40.6590, 27.7761, 51.1651



46.5030, -22.9260, 26.7459



35.6520, 1.1576, 2.0592



41.7840, 28.2075, 52.8094



94.3060, 63.9391, 119.0036

Previews

White Background



This preview shows how the YUV color 52.8030, 11.9291, -46.3082 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 52.8030, 11.9291, -46.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

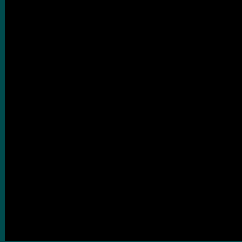
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.8030, 11.9291, -46.3082

Background



This preview shows how black text looks on a background with the YUV color 52.8030, 11.9291, -46.3082.



This preview shows how white text looks on a background with the YUV color 52.8030, 11.9291,

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

52.8030, 11.9291, -46.3082

Protanopia

67.5700, 2.1840, -0.4999

Deuteranopia

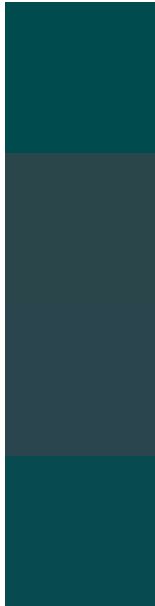
67.4930, 5.6730, 0.4446



Tritanopia

55.9610, 12.3442, -39.4308

Trichromacy



Original Color

52.8030, 11.9291, -46.3082

Protanomaly

62.3830, 5.7272, -16.9989

Deuteranomaly

62.2520, 7.7638, -16.8840

Tritanomaly

54.6510, 12.4971, -41.7899

Monochromacy



Original Color

52.8030, 11.9291, -46.3082

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0410, 4.4168, -16.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8030, 11.9291, -46.3082 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 77)  
}
```

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, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 77) }
```

Border

The CSS property to change the border of an element to YUV 52.8030, 11.9291, -46.3082 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, 77) }
```


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

```
.border{ border-color:rgb(0, 75, 77) }
```

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, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 75, 77); box-shadow:4px  
4px 4px 4px rgb(0, 75, 77) }
```

Background

The CSS property to change the background color of an element to YUV 52.8030, 11.9291, -46.3082 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, 77) }
```

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

```
.background{ background-color: rgb(0, 75,  
77) }
```

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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