

Converting Colors

YUV(52.2160, 12.2185,
-45.7934)

Have a look what the booklet for
YUV(52.2160, 12.2185, -45.7934)
contains.

| | |
|--|----|
| YUV(52.2160, 12.2185, -45.7934) | 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(52.2160, 12.2185,
-45.7934)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 004A4D |
| RGB | 0, 74, 77 |
| RGB Percent | 0%, 29%, 30% |
| CMY | 1.0000, 0.7098, 0.6980 |
| CMYK | 1.00, 0.04, 0.00, 0.70 |
| HSL | 182°, 100%, 15% |
| HSV | 182°, 100%, 30% |
| XYZ | 3.7883, 5.4334, 7.8703 |
| YIQ | 52.2160, -45.0670, -14.7550 |

Conversions

Conversions Part 2

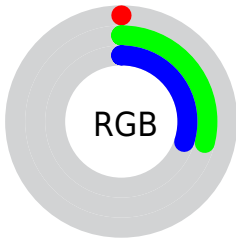
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 38, 77 |
| Decimal | 19021 |
| CIELab | 27.94, -18.58, -7.56 |
| CIELCh | 28, 20.062, 202.141 |
| Yxy | 5.4334, 0.2216, 0.3179 |
| Android (android.graphics.Color) | 4278209101 (0xFF004A4D) |
| YUV | 52.2160, 12.2185, -45.7934 |
| Hunter-Lab | 23.3096, -11.7816, -3.7020 |

Details

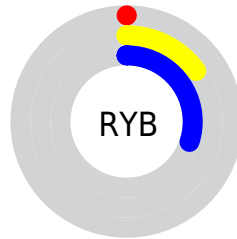
The YUV color **52.2160, 12.2185, -45.7934** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **24.7840, -12.2185, 45.7934**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.4020, 10.1548, -37.1866**, and **21.9590, 5.4432, -19.2580** is the 20% darker color. If you saturate the color by 10%, you get **52.2160, 12.2185, -45.7934**, and if you desaturate by 10%, it is **54.6080, 11.0393, -40.8752**.

Distribution



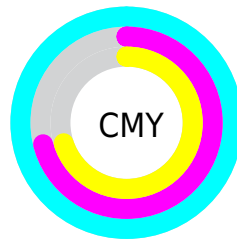
- Red (0%)
- Green (29%)
- Blue (30%)



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



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (70%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 52.2160, 12.2185, -45.7934 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 52.2160, 12.2185, -45.7934 by changing the saturation by 10% instead.

■ 52.2160, 12.2185,
-45.7934

■ 52.2160, 12.2185,
-45.7934

■ 255.0000, 0.0000,
0.0000

■ 36.0930, 8.8282,
-31.6536

■ 105.4020, 10.1548,
-37.1866

■ 21.9590, 5.4432,
-19.2580

■ 131.4020, 10.1548,
-37.1866

■ 1.1400, 4.3680,
-0.9998

■ 158.2880, 9.7180,
-37.0866

■ 0.0000, 0.0000,
0.0000

■ 185.4020, 10.1548,
-37.1866

■ 213.1030, 10.3022,
-37.8013

■ 237.9570, 8.4022,

-35.0423

■ 246.6280, 4.1274,
-17.2138

■ 52.2160, 12.2185,
-45.7934

■ 54.6080, 11.0393,
-40.8752

■ 57.2880, 9.7180,
-37.0866

■ 59.6800, 8.5388,
-32.1684

■ 62.0720, 7.3595,
-27.2501

■ 65.0510, 5.8909,
-22.8467

■ 67.1440, 4.8590,
-18.5433

■ 69.5360, 3.6798,
-13.6251

■ 71.9280, 2.5005,
-8.7069

■ 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.



58.1660, 1.3972, -28.2096



52.2160, 12.2185, -45.7934



53.7200, 17.8860, -43.6044

Triad

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



52.2160, 12.2185, -45.7934



67.9550, 8.4032, 11.4405



65.4780, -15.0257, 12.7358

Complementary

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



52.2160, 12.2185, -45.7934



24.7840, -12.2185, 45.7934

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.



66.0430, -11.8532, 21.8873



52.2160, 12.2185, -45.7934



67.5990, 1.6767, 22.2767

Square

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



52.2160, 12.2185, -45.7934



66.2350, 13.6881, -3.7141



66.6720, -5.7543, 25.7207



63.8570, -13.2405, 0.1254

Rectangle

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



52.2160, 12.2185, -45.7934



59.6940, 17.4059, -29.5496



66.6720, -5.7543, 25.7207



65.7280, -14.1629, 16.0245

Sweetspot

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



52.2160, 12.2185, -45.7934



89.7420, 4.5642, -17.3137



45.5410, -20.9727, -39.9395



45.0310, 2.9427, -10.5512



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.



52.2160, 12.2185, -45.7934



67.6380, 15.4615, -59.3185



29.9100, 23.2154, -26.2311



36.8040, 0.5896, -2.4591



69.1540, 16.1931, -60.6481



155.9470, 36.5081, -136.7655

Inverse Universe

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



31.4590, 20.9727, 39.9395



40.5450, 27.3393, 51.2650



47.0900, -23.2154, 26.2311



35.6520, 1.1576, 2.0592



41.6700, 27.7707, 52.9094



93.9640, 62.6287, 119.3036

Previews

White Background



This preview shows how the YUV color 52.2160, 12.2185, -45.7934 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 52.2160, 12.2185, -45.7934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

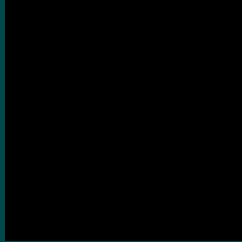
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

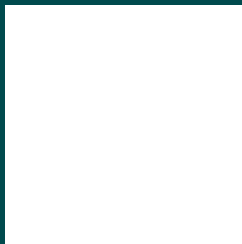
Any Text WCAG AAA × Fail

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

YUV 52.2160, 12.2185, -45.7934 Background



This preview shows how black text looks on a background with the YUV color 52.2160, 12.2185, -45.7934.



This preview shows how white text looks on a background with the YUV color 52.2160, 12.2185,

-45.7934.

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

52.2160, 12.2185, -45.7934

Protanopia

66.6840, 2.6208, -0.5999

Deuteranopia

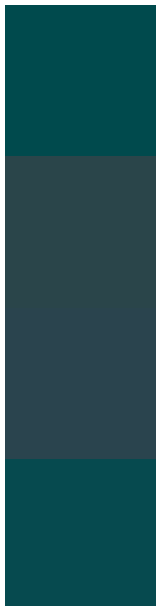
66.8950, 5.9678, -0.7849



Tritanopia

55.5480, 12.0548, -39.9456

Trichromacy



Original Color

52.2160, 12.2185, -45.7934

Protanomaly

61.4970, 6.1640, -17.0989

Deuteranomaly

61.3660, 8.2006, -16.9840

Tritanomaly

54.2380, 12.2077, -42.3047

Monochromacy



Original Color

52.2160, 12.2185, -45.7934

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.0410, 4.4168, -16.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.2160, 12.2185, -45.7934 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 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, 74, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 77) }
```

Border

The CSS property to change the border of an element to YUV 52.2160, 12.2185, -45.7934 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, 77) }
```


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

```
.border{ border-color:rgb(0, 74, 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, 74, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 74, 77); box-shadow:4px  
4px 4px 4px rgb(0, 74, 77) }
```

Background

The CSS property to change the background color of an element to YUV 52.2160, 12.2185, -45.7934 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, 77) }
```

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

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