

Converting Colors

YUV(40.0070, 5.9125, -29.8241)

Have a look what the booklet for
YUV(40.0070, 5.9125, -29.8241)
contains.

| | |
|--|----|
| YUV(40.0070, 5.9125, -29.8241) | 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(40.0070, 5.9125,
-29.8241)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 063734 |
| RGB | 6, 55, 52 |
| RGB Percent | 2%, 22%, 20% |
| CMY | 0.9765, 0.7843, 0.7961 |
| CMYK | 0.89, 0.00, 0.05, 0.78 |
| HSL | 176°, 80%, 12% |
| HSV | 176°, 89%, 22% |
| XYZ | 2.0611, 3.0190, 3.7229 |
| YIQ | 40.0070, -28.2410, -11.3210 |

Conversions

Conversions Part 2

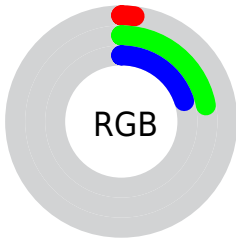
| Format | Color |
|-------------------------------------|---|
| RYB | 6, 31, 55 |
| Decimal | 407348 |
| CIELab | 20.12, -16.26, -2.64 |
| CIElCh | 20, 16.471, 189.216 |
| Yxy | 3.0190, 0.2341, 0.3430 |
| Android (android.graphics.Color) | 4278597428 (0xFF063734) |
| YUV | 40.0070, 5.9125, -29.8241 |
| Hunter-Lab | 17.3754, -9.2326, -0.5410 |

Details

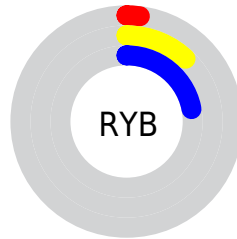
The YUV color **40.0070, 5.9125, -29.8241** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **20.9930, -5.9125, 29.8241**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.3880, 4.7387, -26.6503**, and **1.3850, 2.7682, -1.2146** is the 20% darker color. If you saturate the color by 10%, you get **38.2130, 6.7970, -33.5128**, and if you desaturate by 10%, it is **41.8010, 5.0281, -26.1355**.

Distribution



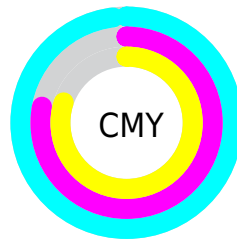
- Red (2%)
- Green (22%)
- Blue (20%)



- Red (2%)
- Yellow (12%)
- Blue (22%)



- Cyan (89%)
- Magenta (0%)
- Yellow (5%)
- Black (78%)



- Cyan (98%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.0070, 5.9125, -29.8241 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 40.0070, 5.9125, -29.8241 by changing the saturation by 10% instead.

40.0070, 5.9125,
-29.8241

40.0070, 5.9125,
-29.8241

252.0100, 1.4741,
-6.1478

22.9050, 3.9908,
-20.0877

88.3880, 4.7387,
-26.6503

1.3850, 2.7682,
-1.2146

113.3880, 4.7387,
-26.6503

0.0000, 0.0000,
0.0000

139.0890, 4.8861,
-27.2651

165.7900, 5.0335,
-27.8798

193.3770, 4.7441,
-28.3946

221.0780, 4.8915,

-29.0094

■ 243.3390, 5.7489,
-23.9763

■ 40.0070, 5.9125,
-29.8241

■ 40.0070, 5.9125,
-29.8241

■ 38.2130, 6.7970,
-33.5128

■ 41.8010, 5.0281,
-26.1355

■ 43.4100, 4.7279,
-23.1616

■ 44.9050, 3.9908,
-20.0877

■ 46.6990, 3.1064,
-16.3990

■ 48.6070, 2.6587,
-12.8103

■ 50.1020, 1.9217,
-9.7365

■ 51.8960, 1.0373,
-6.0478

■ 53.5050, 0.7370,
-3.0739

■ 55.2990, -0.1474,
0.6148

Harmonies

Analogous

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



43.7330, -1.8404, -16.4288



40.0070, 5.9125, -29.8241



38.8800, 11.8912, -34.0978

Triad

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



40.0070, 5.9125, -29.8241



49.9110, 8.4249, 4.4631



48.2160, -10.9525, 12.9656

Complementary

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



40.0070, 5.9125, -29.8241



20.9930, -5.9125, 29.8241

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.



48.8730, -7.3324, 18.5284



40.0070, 5.9125, -29.8241



50.0110, 3.4456, 14.8994

Square

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



40.0070, 5.9125, -29.8241



47.4470, 12.1046, -9.1620



49.5510, -2.2436, 19.6878



47.3460, -11.5096, 4.9586

Rectangle

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



40.0070, 5.9125, -29.8241



41.0700, 13.7695, -29.8794



49.5510, -2.2436, 19.6878



48.7540, -10.2317, 15.1247

Sweetspot

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



40.0070, 5.9125, -29.8241



65.2050, 2.3639, -11.5808



35.6600, -14.6224, -23.3808



32.2980, 1.3321, -7.2773



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



40.0070, 5.9125, -29.8241



49.3150, 8.7187, -43.2493



28.0220, 13.3002, -19.3133



27.1030, 0.4422, -1.8443



63.8080, 10.9407, -55.9596



152.0370, 26.6038, -133.3364

Inverse Universe

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



20.9930, -5.9125, 29.8241



21.6850, -8.7187, 43.2493



32.9780, -13.3002, 19.3133



25.8970, -0.4422, 1.8443



28.1920, -10.9407, 55.9596



66.9630, -26.6038, 133.3364

Previews

White Background



This preview shows how the YUV color 40.0070, 5.9125, -29.8241 looks on a white background.

Color Contrast Check

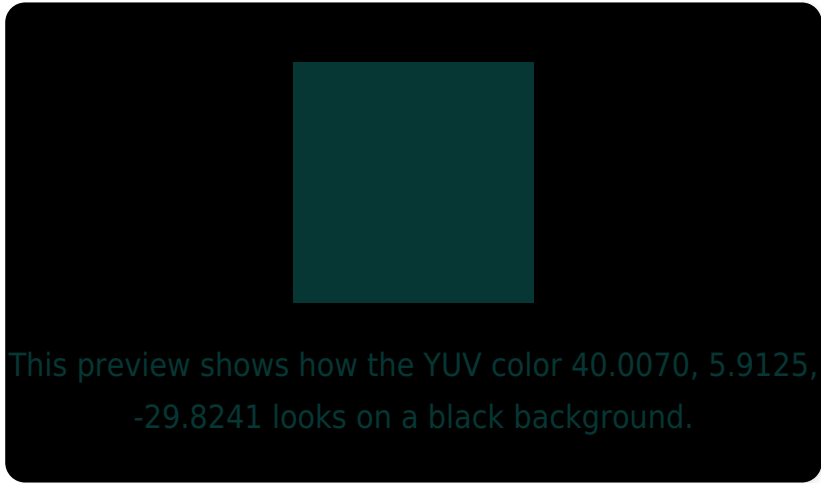
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

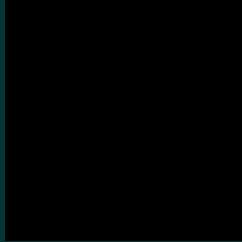
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.0070, 5.9125, -29.8241

Background



This preview shows how black text looks on a background with the YUV color 40.0070, 5.9125, -29.8241.



This preview shows how white text looks on a background with the YUV color 40.0070, 5.9125, -29.8241.

-29.8241.

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

40.0070, 5.9125, -29.8241

Protanopia

49.1850, -0.5842, 0.7148

Deuteranopia

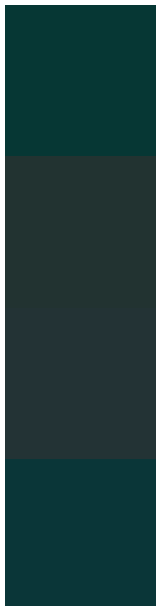
49.5810, 2.1786, 1.2445



Tritanopia

42.1970, 7.7909, -25.6058

Trichromacy



Original Color

40.0070, 5.9125, -29.8241

Protanomaly

45.6890, 1.6323, -10.2513

Deuteranomaly

46.4440, 3.2321, -10.0364

Tritanomaly

41.0720, 7.3595, -27.2501

Monochromacy



Original Color

40.0070, 5.9125, -29.8241

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.8030, 2.0691, -10.3512

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.0070, 5.9125, -29.8241 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(6, 55, 52)` looks like.

```
.text, #text, p{  
    color:rgb(6, 55, 52)  
}
```

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(6, 55, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 55, 52) }
```

Border

The CSS property to change the border of an element to YUV 40.0070, 5.9125, -29.8241 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(6, 55, 52) }
```


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

```
.border{ border-color:rgb(6, 55, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 55, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 55, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 55, 52); box-shadow:4px  
4px 4px 4px rgb(6, 55, 52) }
```

Background

The CSS property to change the background color of an element to YUV 40.0070, 5.9125, -29.8241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 55, 52) }
```

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

```
.background{ background-color: rgb(6, 55,  
52) }
```

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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