

Converting Colors

YUV(52.4880, 13.0704,
-39.0160)

Have a look what the booklet for
YUV(52.4880, 13.0704, -39.0160)
contains.

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Color

**YUV(52.4880, 13.0704,
-39.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	08464F
RGB	8, 70, 79
RGB Percent	3%, 27%, 31%
CMY	0.9686, 0.7255, 0.6902
CMYK	0.90, 0.11, 0.00, 0.69
HSL	188°, 82%, 17%
HSV	188°, 90%, 31%
XYZ	3.7016, 4.9965, 8.1665
YIQ	52.4880, -39.8410, -10.3450

Conversions

Conversions Part 2

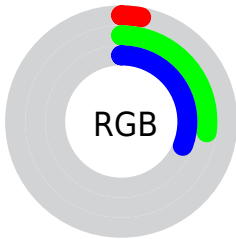
Format	Color
R _Y B	8, 41, 79
Decimal	542287
CIE Lab	26.72, -14.68, -10.68
CIE LCh	27, 18.152, 216.043
Yxy	4.9965, 0.2195, 0.2963
Android (android.graphics.Color)	4278732367 (0xFF08464F)
YUV	52.4880, 13.0704, -39.0160
Hunter-Lab	22.3528, -9.5580, -6.0143

Details

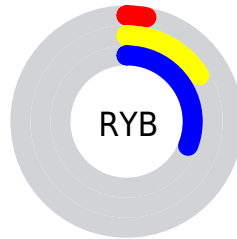
The YUV color **52.4880, 13.0704, -39.0160** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **34.5120, -13.0704, 39.0160**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.1790, 11.7438, -33.4830**, and **19.8390, 7.4744, -17.3988** is the 20% darker color. If you saturate the color by 10%, you get **49.5090, 14.5391, -43.4194**, and if you desaturate by 10%, it is **55.4670, 11.6018, -34.6126**.

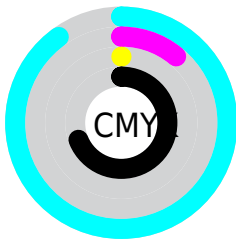
Distribution



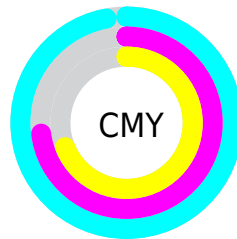
- Red (3%)
- Green (27%)
- Blue (31%)



- Red (3%)
- Yellow (16%)
- Blue (31%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)
- Black (69%)



- Cyan (97%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4880, 13.0704, -39.0160 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 52.4880, 13.0704, -39.0160 by changing the saturation by 10% instead.

■ 52.4880, 13.0704,
-39.0160

■ 52.4880, 13.0704,
-39.0160

■ 255.0000, 0.0000,
0.0000

■ 33.9730, 10.8593,
-29.7943

■ 104.1790, 11.7438,
-33.4830

■ 19.8390, 7.4744,
-17.3988

■ 129.5920, 12.0331,
-32.9682

■ 1.3680, 5.2416,
-1.1997

■ 156.2930, 12.1806,
-33.5830

■ 0.0000, 0.0000,
0.0000

■ 183.2930, 12.1806,
-33.5830

■ 211.4070, 12.6173,
-33.6829

■ 238.8540, 7.9600,

-33.1980

■ 247.2260, 3.8326,
-15.9842

■ 52.4880, 13.0704,
-39.0160

■ 52.4880, 13.0704,
-39.0160

■ 49.5090, 14.5391,
-43.4194

■ 55.4670, 11.6018,
-34.6126

■ 58.4460, 10.1331,
-30.2091

■ 61.4250, 8.6645,
-25.8057

■ 64.4040, 7.1958,
-21.4023

■ 67.3830, 5.7272,
-16.9989

■ 70.0630, 4.4059,
-13.2103

■ 73.0420, 2.9373,
-8.8068

■ 76.0210, 1.4686,
-4.4034

■ 79.0000, 0.0000,
0.0000

Harmonies

Analogous

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



55.1810, 5.3338, -30.8537



52.4880, 13.0704, -39.0160



57.4230, 15.0745, -28.4350

Triad

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



52.4880, 13.0704, -39.0160



65.0650, 4.8980, 15.7290



61.9010, -13.2622, 7.1028

Complementary

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



52.4880, 13.0704, -39.0160



34.5120, -13.0704, 39.0160

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.



62.8960, -12.2737, 16.7542



52.4880, 13.0704, -39.0160



64.3880, -1.6703, 22.4617

Square

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



52.4880, 13.0704, -39.0160



65.0680, 10.3195, 3.4484



63.7810, -7.7800, 22.1171



60.3340, -10.0247, -4.6779

Rectangle

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



52.4880, 13.0704, -39.0160



60.4890, 15.0419, -17.9689



63.7810, -7.7800, 22.1171



62.5100, -13.5624, 10.0767

Sweetspot

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



52.4880, 13.0704, -39.0160



91.8670, 4.9956, -15.6694



50.5890, -17.0524, -37.3506



45.0420, 2.9373, -8.8068



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.



52.4880, 13.0704, -39.0160



63.8710, 18.7976, -56.0149



31.9430, 23.1991, -20.9980



36.8040, 0.5896, -2.4591



143.6200, 42.5853, -125.9547

Inverse Universe

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



36.2970, 16.6156, 37.4505



40.6440, 23.8395, 53.8092



55.0570, -23.1991, 20.9980



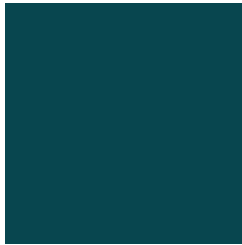
35.6520, 1.1576, 2.0592



91.5700, 53.4560, 121.4031

Previews

White Background



This preview shows how the YUV color 52.4880, 13.0704, -39.0160 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 52.4880, 13.0704, -39.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

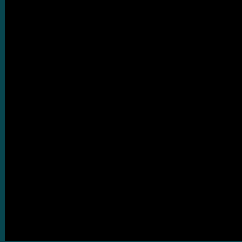
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.4880, 13.0704, -39.0160

Background



This preview shows how black text looks on a background with the YUV color 52.4880, 13.0704, -39.0160.



This preview shows how white text looks on a background with the YUV color 52.4880, 13.0704,

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

52.4880, 13.0704, -39.0160

Protanopia

63.6560, 5.0996, -2.3293

Deuteranopia

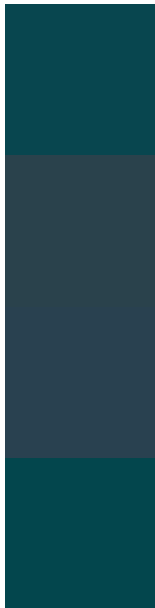
63.5680, 8.5940, -3.1291



Tritanopia

49.7540, 12.9393, -43.6343

Trichromacy



Original Color

52.4880, 13.0704, -39.0160

Protanomaly

59.9640, 7.9057, -15.7544

Deuteranomaly

59.5340, 10.0897, -16.2543

Tritanomaly

50.7650, 12.9339, -41.8899

Monochromacy



Original Color

52.4880, 13.0704, -39.0160

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.4650, 4.7008, -14.4398

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4880, 13.0704, -39.0160 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(8, 70, 79)` looks like.

```
.text, #text, p{  
    color:rgb(8, 70, 79)  
}
```

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(8, 70, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 70, 79) }
```

Border

The CSS property to change the border of an element to YUV 52.4880, 13.0704, -39.0160 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(8, 70, 79) }
```

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

```
.border{ border-color:rgb(8, 70, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 70, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 70, 79); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 70, 79); box-shadow:4px  
4px 4px 4px rgb(8, 70, 79) }
```

Background

The CSS property to change the background color of an element to YUV 52.4880, 13.0704, -39.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 70, 79) }
```

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

```
.background{ background-color: rgb(8, 70,  
79) }
```

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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