

Converting Colors

YUV(59.7940, 5.5246, -45.4233)

Have a look what the booklet for
YUV(59.7940, 5.5246, -45.4233)
contains.

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Color

**YUV(59.7940, 5.5246,
-45.4233)**

Conversions

Conversions Part 1

Format	Color
Hex	085447
RGB	8, 84, 71
RGB Percent	3%, 33%, 28%
CMY	0.9686, 0.6706, 0.7216
CMYK	0.90, 0.00, 0.15, 0.67
HSL	170°, 83%, 18%
HSV	170°, 90%, 33%
XYZ	4.4078, 6.8472, 7.0506
YIQ	59.7940, -41.1230, -20.1550

Conversions

Conversions Part 2

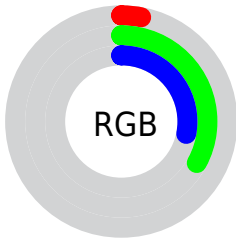
Format	Color
R_{YB}	8, 50, 84
Decimal	545863
CIE _{Lab}	31.46, -24.92, 1.51
CIE _{LCh}	31, 24.962, 176.535
Yxy	6.8472, 0.2408, 0.3741
Android (android.graphics.Color)	4278735943 (0xFF085447)
YUV	59.7940, 5.5246, -45.4233
Hunter-Lab	26.1672, -15.7246, 2.3417

Details

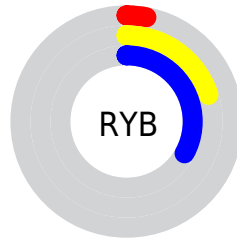
The YUV color **59.7940, 5.5246, -45.4233** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **32.2060, -5.5246, 45.4233**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.5560, 3.1769, -39.0756**, and **25.4980, 1.2335, -22.3617** is the 20% darker color. If you saturate the color by 10%, you get **57.2880, 6.2670, -50.2416**, and if you desaturate by 10%, it is **62.3000, 4.7821, -40.6051**.

Distribution



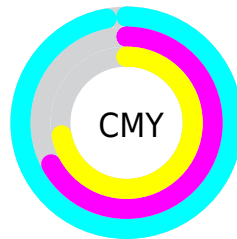
- Red (3%)
- Green (33%)
- Blue (28%)



- Red (3%)
- Yellow (20%)
- Blue (33%)



- Cyan (90%)
- Magenta (0%)
- Yellow (15%)
- Black (67%)



- Cyan (97%)
- Magenta (67%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7940, 5.5246, -45.4233 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 59.7940, 5.5246, -45.4233 by changing the saturation by 10% instead.

■ 59.7940, 5.5246,
-45.4233

■ 59.7940, 5.5246,
-45.4233

■ 255.0000, 0.0000,
0.0000

■ 40.8060, 4.0396,
-35.7869

■ 112.5560, 3.1769,
-39.0756

■ 25.4980, 1.2335,
-22.3617

■ 139.1430, 2.8875,
-39.5904

■ 5.9840, -2.4571,
-5.2480

■ 166.0290, 2.4507,
-39.4904

■ 0.0000, 0.0000,
0.0000

■ 193.7300, 2.5981,
-40.1052

■ 221.4310, 2.7455,
-40.7200

■ 239.7510, 7.5178,

-31.3536

■ 248.1230, 3.3904,
-14.1399

■ 59.7940, 5.5246,
-45.4233

■ 59.7940, 5.5246,
-45.4233

■ 57.2880, 6.2670,
-50.2416

■ 62.3000, 4.7821,
-40.6051

■ 65.2190, 4.3290,
-35.2721

■ 67.7250, 3.5866,
-30.4538

■ 70.6440, 3.1335,
-25.1208

■ 73.1500, 2.3911,
-20.3025

■ 75.7700, 2.0854,
-15.5843

■ 78.5750, 1.1955,
-10.1513

■ 81.0810, 0.4531,
-5.3330

■ 84.0000, 0.0000,
0.0000

Harmonies

Analogous

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



67.5170, -7.6499, -19.7474



59.7940, 5.5246, -45.4233



59.6820, 15.4398, -52.3411

Triad

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



59.7940, 5.5246, -45.4233



75.0440, 16.7403, -2.6696



73.7400, -15.6478, 25.6610

Complementary

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



59.7940, 5.5246, -45.4233



32.2060, -5.5246, 45.4233

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.



74.4340, -8.1020, 32.0684



59.7940, 5.5246, -45.4233



76.6290, 9.5499, 16.9884

Square

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



59.7940, 5.5246, -45.4233



69.1440, 21.6210, -28.1903



75.4150, 0.7814, 29.4540



72.4520, -18.9568, 13.6356

Rectangle

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



59.7940, 5.5246, -45.4233



60.3490, 20.5339, -52.9261



75.4150, 0.7814, 29.4540



74.2180, -13.9115, 28.7498

Sweetspot

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



59.7940, 5.5246, -45.4233



100.4600, 2.2382, -17.9434



56.7980, -24.0574, -30.5178



50.2760, 1.3429, -10.7661



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



59.7940, 5.5246, -45.4233



74.9440, 7.9156, -65.7259



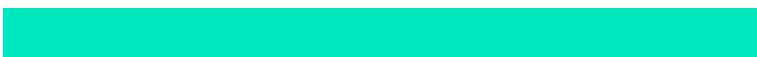
47.1880, 18.1483, -34.3679



39.6900, 0.1528, -2.3591



71.5530, 7.6154, -62.7520



158.0720, 16.7265, -138.6291

Inverse Universe

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



32.2060, -5.5246, 45.4233



35.0560, -7.9156, 65.7259



44.8120, -18.1483, 34.3679



38.1960, -0.5896, 2.4591



33.4470, -7.6154, 62.7520



73.9280, -16.7265, 138.6291

Previews

White Background



This preview shows how the YUV color 59.7940, 5.5246, -45.4233 looks on a white background.

Color Contrast Check

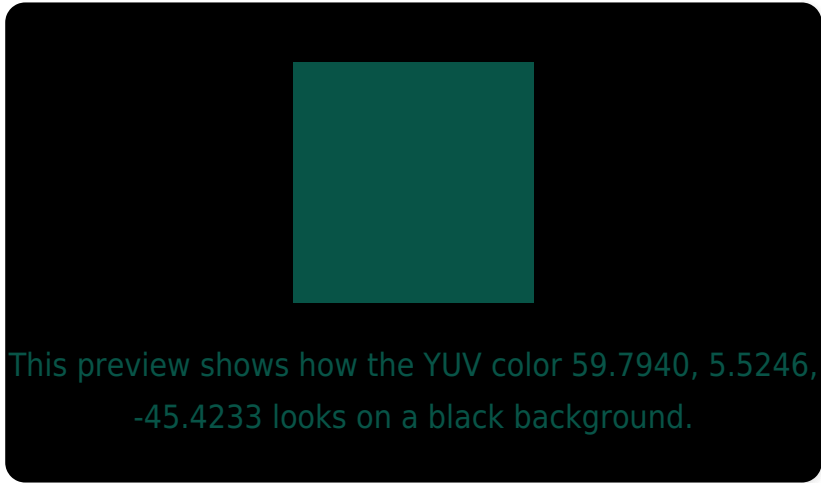
Large Text (above 18pt) WCAG AA ✓ Pass

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

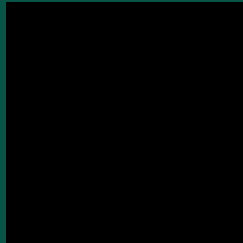
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7940, 5.5246, -45.4233

Background



This preview shows how black text looks on a background with the YUV color 59.7940, 5.5246, -45.4233.



This preview shows how white text looks on a background with the YUV color 59.7940, 5.5246, -45.4233.

-45.4233.

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

59.7940, 5.5246, -45.4233

Protanopia

73.9850, -3.9366, 2.6442

Deuteranopia

74.9190, -0.4531, 5.3330



Tritanopia

65.6410, 11.0230, -35.6422

Trichromacy



Original Color

59.7940, 5.5246, -45.4233

Protanomaly

69.0860, -0.5354, -14.9844

Deuteranomaly

69.0800, 1.9326, -13.2252

Tritanomaly

63.7500, 8.9973, -39.2457

Monochromacy



Original Color

59.7940, 5.5246, -45.4233

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.0580, 1.9434, -16.7139

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7940, 5.5246, -45.4233 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, 84, 71)` looks like.

```
.text, #text, p{  
    color:rgb(8, 84, 71)  
}
```

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, 84, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 84, 71) }
```

Border

The CSS property to change the border of an element to YUV 59.7940, 5.5246, -45.4233 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, 84, 71) }
```


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

```
.border{ border-color:rgb(8, 84, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 84, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 84, 71); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 84, 71); box-shadow:4px  
4px 4px 4px rgb(8, 84, 71) }
```

Background

The CSS property to change the background color of an element to YUV 59.7940, 5.5246, -45.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 84, 71) }
```

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

```
.background{ background-color: rgb(8, 84,  
71) }
```

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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