

Converting Colors

YUV(116.7980, -7.2954,
-40.1648)

Have a look what the booklet for
YUV(116.7980, -7.2954, -40.1648)
contains.

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Color

**YUV(116.7980, -7.2954,
-40.1648)**

Conversions

Conversions Part 1

Format	Color
Hex	478F66
RGB	71, 143, 102
RGB Percent	28%, 56%, 40%
CMY	0.7216, 0.4392, 0.6000
CMYK	0.50, 0.00, 0.29, 0.44
HSL	146°, 34%, 42%
HSV	146°, 50%, 56%
XYZ	14.8193, 21.9438, 16.0249
YIQ	116.7980, -29.7510, -28.0150

Conversions

Conversions Part 2

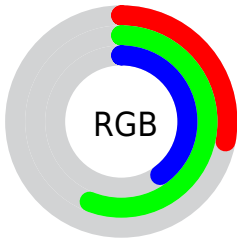
Format	Color
R_{YB}	71, 121, 143
Decimal	4689766
CIE _{Lab}	53.97, -32.47, 15.04
CIE _{LCh}	54, 35.785, 155.149
Yxy	21.9438, 0.2807, 0.4157
Android (android.graphics.Color)	4282879846 (0xFF478F66)
YUV	116.7980, -7.2954, -40.1648
Hunter-Lab	46.8442, -25.5086, 12.5085

Details

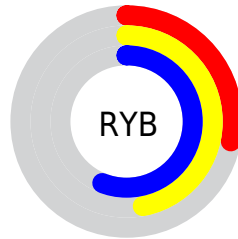
The YUV color **116.7980, -7.2954, -40.1648** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **97.2020, 7.2954, 40.1648**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1570, -8.4584, -40.4797**, and **63.8620, -4.3690, -45.4830** is the 20% darker color. If you saturate the color by 10%, you get **111.7000, -8.7261, -47.9719**, and if you desaturate by 10%, it is **121.8960, -5.8647, -32.3578**.

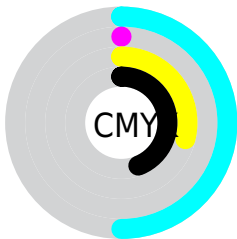
Distribution



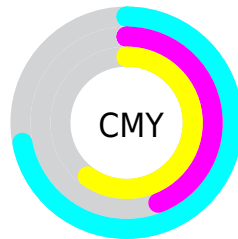
- Red (28%)
- Green (56%)
- Blue (40%)



- Red (28%)
- Yellow (47%)
- Blue (56%)



- Cyan (50%)
- Magenta (0%)
- Yellow (29%)
- Black (44%)



- Cyan (72%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.7980, -7.2954, -40.1648 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 116.7980, -7.2954, -40.1648 by changing the saturation by 10% instead.

■ 116.7980, -7.2954,
-40.1648

■ 116.7980, -7.2954,
-40.1648

■ 255.0000, 0.0000,
0.0000

■ 90.7270, -6.2744,
-40.9796

■ 170.1570, -8.4584,
-40.4797

■ 63.8620, -4.3690,
-45.4830

■ 197.7440, -8.7478,
-40.9945

■ 43.6780, -5.2643,
-38.3056

■ 226.3310, -9.0372,
-41.5093

■ 27.7830, -7.7810,
-24.3657

■ 238.4820, -1.2236,
-27.6097

■ 12.9140, -6.3666,
-11.3256

■ 249.3190, 2.8007,
-11.6808

■ 0.0000, 0.0000,
0.0000

■ 116.7980, -7.2954,
-40.1648

■ 116.7980, -7.2954,
-40.1648

■ 111.7000, -8.7261,
-47.9719

■ 121.8960, -5.8647,
-32.3578

■ 106.3030,
-10.0094, -56.3937

■ 127.2930, -4.5814,
-23.9360

■ 101.2050,
-11.4401, -64.2008

■ 132.3910, -3.1508,
-16.1289

■ 95.9930, -13.3075,
-71.9079

■ 137.6030, -1.2833,
-8.4218

■ 91.0090, -14.3014,
-79.8149

■ 143.0000, 0.0000,
0.0000

■ 148.0980, 1.4307,
7.8071

■ 153.1960, 2.8614,
15.6141

■ 158.2940, 4.2921,

23.4212

■ 163.6910, 5.5753,
31.8430

Harmonies

Analogous

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



122.9730, -22.6647, -10.5003



116.7980, -7.2954, -40.1648



100.2770, 16.1324, -87.9429

Triad

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



116.7980, -7.2954, -40.1648



124.8800, 32.1042, -30.5898



129.5410, -17.0287, 48.6375

Complementary

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



116.7980, -7.2954, -40.1648



97.2020, 7.2954, 40.1648

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.



131.2110, -3.0620, 48.9270



116.7980, -7.2954, -40.1648



131.9340, 23.6965, 6.1969

Square

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



116.7980, -7.2954, -40.1648



102.5690, 40.1455, -89.9530



132.6080, 11.5323, 34.5468



128.1190, -27.1737, 35.8526

Rectangle

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



116.7980, -7.2954, -40.1648



102.6710, 25.3052, -90.0425



132.6080, 11.5323, 34.5468



130.2900, -12.9610, 50.6117

Sweetspot

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



116.7980, -7.2954, -40.1648



175.8040, -2.8614, -15.6141



125.8220, -27.0272, -11.2449



87.8910, -1.4253, -9.5514



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



116.7980, -7.2954, -40.1648



145.3300, -11.0087, -62.5564



120.7880, 7.9925, -43.6641



68.4510, -0.7153, -3.9035



85.8570, -13.7335, -75.2966



5.0380, -1.0047, -4.4183

Inverse Universe

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



97.2020, 7.2954, 40.1648



114.7840, 11.4455, 62.4564



93.2120, -7.9925, 43.6641



66.5490, 0.7153, 3.9035



49.1430, 13.7335, 75.2966



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 116.7980, -7.2954, -40.1648 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 116.7980, -7.2954, -40.1648 looks on a black 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 × Fail

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

YUV 116.7980, -7.2954, -40.1648 Background



This preview shows how black text looks on a background with the YUV color 116.7980, -7.2954, -40.1648.



This preview shows how white text looks on a background with the YUV color 116.7980, -7.2954,

-40.1648.

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

116.7980, -7.2954, -40.1648

Protanopia

127.2280, -15.8884, 9.4470

Deuteranopia

128.5370, -11.1107, 17.0691



Tritanopia

122.1080, 12.7648, -34.2977

Trichromacy



Original Color

116.7980, -7.2954, -40.1648

Protanomaly

123.3290, -12.4872, -8.1815

Deuteranomaly

124.1600, -9.4459, -3.6483

Tritanomaly

120.1480, 5.3500, -36.0868

Monochromacy



Original Color

116.7980, -7.2954, -40.1648

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.6300, -2.2826, -14.5845

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7980, -7.2954, -40.1648 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(71, 143, 102)` looks like.

```
.text, #text, p{  
    color:rgb(71, 143, 102)  
}
```

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(71, 143, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 143, 102) }
```

Border

The CSS property to change the border of an element to YUV 116.7980, -7.2954, -40.1648 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(71, 143, 102) }
```


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

```
.border{ border-color:rgb(71, 143, 102) }
```

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

Here you see how a box with a 4 pixel rgb(71, 143, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 143, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 143, 102);  
box-shadow:4px 4px 4px 4px rgb(71, 143,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 116.7980, -7.2954, -40.1648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 143, 102) }
```

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

```
.background{ background-color: rgb(71, 143,  
102) }
```

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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