

Converting Colors

YUV(80.8290, -10.7617, -1.6040)

Have a look what the booklet for
YUV(80.8290, -10.7617, -1.6040)
contains.

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Color

**YUV(80.8290, -10.7617,
-1.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	4F563B
RGB	79, 86, 59
RGB Percent	31%, 34%, 23%
CMY	0.6902, 0.6627, 0.7686
CMYK	0.08, 0.00, 0.31, 0.66
HSL	76°, 19%, 28%
HSV	76°, 31%, 34%
XYZ	7.3417, 8.6336, 5.4172
YIQ	80.8290, 4.4950, -9.8810

Conversions

Conversions Part 2

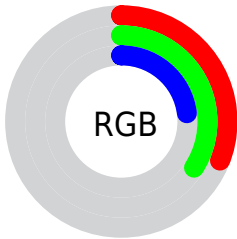
Format	Color
R_{YB}	59, 86, 66
Decimal	5199419
CIE _{Lab}	35.27, -8.05, 14.84
CIE _{LCh}	35, 16.879, 118.479
Yxy	8.6336, 0.3432, 0.4036
Android (android.graphics.Color)	4283389499 (0xFF4F563B)
YUV	80.8290, -10.7617, -1.6040
Hunter-Lab	29.3830, -6.8201, 9.6371

Details

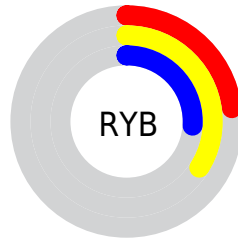
The YUV color $80.8290, -10.7617, -1.6040$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $64.1710, 10.7617, 1.6040$, and the grayscale version is $81.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $130.1880, -11.9247, -1.9189$, and $36.0570, -9.8881, -1.8040$ is the 20% darker color. If you saturate the color by 10%, you get $79.2050, -14.3981, -1.9338$, and if you desaturate by 10%, it is $82.4530, -7.1253, -1.2743$.

Distribution



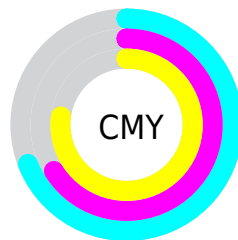
- Red (31%)
- Green (34%)
- Blue (23%)



- Red (23%)
- Yellow (34%)
- Blue (26%)



- Cyan (8%)
- Magenta (0%)
- Yellow (31%)
- Black (66%)



- Cyan (69%)
- Magenta (66%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8290, -10.7617, -1.6040 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 80.8290, -10.7617, -1.6040 by changing the saturation by 10% instead.

■ 80.8290, -10.7617,
-1.6040

■ 80.8290, -10.7617,
-1.6040

■ 255.0000, 0.0000,
0.0000

■ 57.9430, -10.3249,
-1.7040

■ 130.1880,
-11.9247, -1.9189

■ 36.0570, -9.8881,
-1.8040

■ 156.4870,
-12.0721, -1.3041

■ 15.0180, -7.4039,
-5.2778

■ 183.0740,
-12.3615, -1.8189

■ 0.0000, 0.0000,
0.0000

■ 210.9600,
-12.7983, -1.7189

■ 238.9600,
-12.7983, -1.7189

■ 253.4040, -6.1152,

1.3997

■ 80.8290, -10.7617,
-1.6040

■ 80.8290, -10.7617,
-1.6040

■ 79.2050, -14.3981,
-1.9338

■ 82.4530, -7.1253,
-1.2743

■ 77.6950, -17.5976,
-2.3635

■ 83.9630, -3.9258,
-0.8446

■ 75.7720, -21.0866,
-3.3080

■ 85.8860, -0.4368,
0.1000

■ 74.2620, -24.2862,
-3.7378

■ 87.3960, 2.7628,
0.5297

■ 72.6380, -27.9225,
-4.0675

■ 89.0200, 6.3991,
0.8595

■ 71.0140, -31.5589,
-4.3973

■ 90.6440, 10.0355,
1.1892

■ 69.6180, -34.3217,
-4.9270

■ 92.4530, 13.0877,
2.2337

■ 94.0770, 16.7240,
2.5635

■ 95.5870, 19.9236,
2.9932

Harmonies

Analogous

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



82.3250, -12.9782, 9.3620



80.8290, -10.7617, -1.6040



78.8320, -5.3402, -13.8847

Triad

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



80.8290, -10.7617, -1.6040



77.6790, 13.4693, -26.9055



84.7190, -0.3545, 20.4174

Complementary

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



80.8290, -10.7617, -1.6040



64.1710, 10.7617, 1.6040

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.



84.9830, 5.9244, 13.1699



80.8290, -10.7617, -1.6040



81.2830, 14.1575, -14.2802

Square

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



80.8290, -10.7617, -1.6040



75.9190, 9.4069, -30.6240



84.2740, 11.2039, -0.2403



84.4220, -6.6170, 22.4319

Rectangle

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



80.8290, -10.7617, -1.6040



77.4550, -0.2243, -21.4470



84.2740, 11.2039, -0.2403



85.2780, 1.8349, 18.1732

Sweetspot

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



80.8290, -10.7617, -1.6040



110.2620, -4.0732, -0.2298



71.1820, -6.0057, 12.9954



55.0170, -2.4734, -0.0149



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.



80.8290, -10.7617, -1.6040



103.9230, -16.7240, -2.5635



76.9420, -8.8454, -9.5961



42.2450, -1.5998, -0.2149



86.4300, -42.6100, -6.5161



189.9710, -93.6557, -14.0066

Inverse Universe

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



64.1710, 10.7617, 1.6040



78.0770, 16.7240, 2.5635



68.0580, 8.8454, 9.5961



39.7550, 1.5998, 0.2149



20.5700, 42.6100, 6.5161



45.0290, 93.6557, 14.0066

Previews

White Background



This preview shows how the YUV color 80.8290, -10.7617, -1.6040 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 80.8290, -10.7617, -1.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

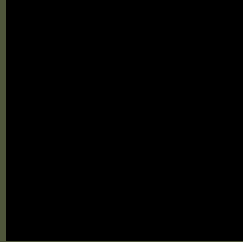
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.8290, -10.7617, -1.6040

Background



This preview shows how black text looks on a background with the YUV color 80.8290, -10.7617, -1.6040.



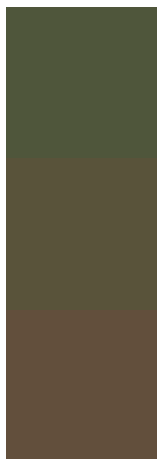
This preview shows how white text looks on a background with the YUV color 80.8290, -10.7617,

-1.6040.

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

80.8290, -10.7617, -1.6040

Protanopia

81.9440, -11.8044, 6.1881

Deuteranopia

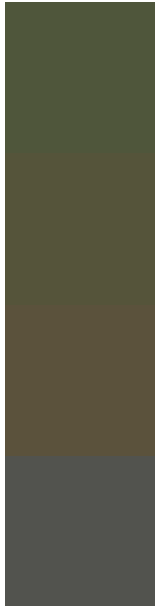
82.5150, -11.0999, 13.5803



Tritanopia

83.0970, 2.9102, -0.0851

Trichromacy



Original Color

80.8290, -10.7617, -1.6040

Protanomaly

81.3350, -11.5042, 3.2142

Deuteranomaly

82.1830, -10.9362, 7.7325

Tritanomaly

82.1310, -2.0366, -0.1149

Monochromacy



Original Color

80.8290, -10.7617, -1.6040

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9630, -3.9258, -0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8290, -10.7617, -1.6040 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(79, 86, 59)` looks like.

```
.text, #text, p{  
    color:rgb(79, 86, 59)  
}
```

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(79, 86, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 86, 59) }
```

Border

The CSS property to change the border of an element to YUV 80.8290, -10.7617, -1.6040 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(79, 86, 59) }
```


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

```
.border{ border-color:rgb(79, 86, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 86, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 86, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 86, 59);  
box-shadow:4px 4px 4px 4px rgb(79, 86, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.8290, -10.7617, -1.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 86, 59) }
```

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

```
.background{ background-color: rgb(79, 86,  
59) }
```

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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