

Converting Colors

YUV(80.4990, 6.6560, 11.8404)

Have a look what the booklet for
YUV(80.4990, 6.6560, 11.8404)
contains.

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Color

**YUV(80.4990, 6.6560,
11.8404)**

Conversions

Conversions Part 1

Format	Color
Hex	5E475E
RGB	94, 71, 94
RGB Percent	37%, 28%, 37%
CMY	0.6314, 0.7216, 0.6314
CMYK	0.00, 0.24, 0.00, 0.63
HSL	300°, 14%, 32%
HSV	300°, 24%, 37%
XYZ	8.8897, 7.6943, 11.6063
YIQ	80.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

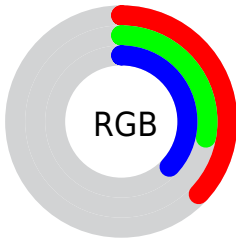
Format	Color
RYB	94, 71, 94
Decimal	6178654
CIELab	33.34, 14.30, -9.76
CIElCh	33, 17.314, 325.673
Yxy	7.6943, 0.3153, 0.2729
Android (android.graphics.Color)	4284368734 (0xFF5E475E)
YUV	80.4990, 6.6560, 11.8404
Hunter-Lab	27.7386, 8.6633, -5.3909

Details

The YUV color **80.4990, 6.6560, 11.8404** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **84.5010, -6.6560, -11.8404**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.2110, 6.7980, 12.9700**, and **35.3740, 6.2246, 10.1960** is the 20% darker color. If you saturate the color by 10%, you get **75.2160, 9.2605, 16.4736**, and if you desaturate by 10%, it is **85.7820, 4.0515, 7.2072**.

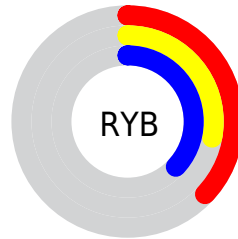
Distribution



Red (37%)

Green (28%)

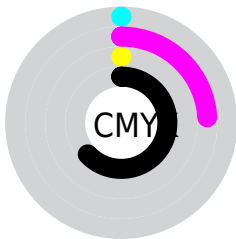
Blue (37%)



Red (37%)

Yellow (28%)

Blue (37%)

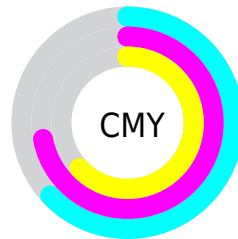


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (63%)



Cyan (63%)

Magenta (72%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.4990, 6.6560, 11.8404 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 80.4990, 6.6560, 11.8404 by changing the saturation by 10% instead.

■ 80.4990, 6.6560,
11.8404

■ 80.4990, 6.6560,
11.8404

■ 255.0000, 0.0000,
0.0000

■ 57.0860, 6.3666,
11.3256

■ 130.2110, 6.7980,
12.9700

■ 35.3740, 6.2246,
10.1960

■ 155.7380, 7.5242,
13.3848

■ 12.6240, 7.0874,
13.4848

■ 183.0370, 7.3768,
13.9996

■ 0.0000, 0.0000,
0.0000

■ 210.4500, 7.6662,
14.5144

■ 238.5640, 8.1029,
14.4144

80.4990, 6.6560,
11.8404

80.4990, 6.6560,
11.8404

75.2160, 9.2605,
16.4736

85.7820, 4.0515,
7.2072

69.3460, 12.1544,
21.6216

91.6520, 1.1576,
2.0592

64.0630, 14.7589,
26.2547

96.9350, -1.4470,
-2.5740

58.1930, 17.6529,
31.4027

102.8050, -4.3409,
-7.7220

52.9100, 20.2574,
36.0359

108.0880, -6.9454,
-12.3552

47.6270, 22.8619,
40.6691

113.3710, -9.5499,
-16.9884

41.7570, 25.7558,
45.8171


119.2410,
-12.4438, -22.1364

38.8220, 27.2028,

124.5240,

48.3911

-15.0483, -26.7695

 130.3940,
-17.9422, -31.9175

Harmonies

Analogous

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



79.6760, 11.4987, -1.4699



80.4990, 6.6560, 11.8404



80.2460, 0.3717, 20.8323

Triad

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



80.4990, 6.6560, 11.8404



77.9230, -13.2730, 10.5915



71.2070, 9.2649, -31.7535

Complementary

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



80.4990, 6.6560, 11.8404



84.5010, -6.6560, -11.8404

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.



72.3020, 1.8231, -24.8209



80.4990, 6.6560, 11.8404



76.3130, -11.4933, -0.2745

Square

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



80.4990, 6.6560, 11.8404



78.8470, -11.2636, 19.4282



74.4300, -5.6350, -12.6551



72.7820, 13.9115, -28.7498

Rectangle

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



80.4990, 6.6560, 11.8404



79.8180, -3.8543, 22.9616



74.4300, -5.6350, -12.6551



71.2350, 6.7861, -30.0241

Sweetspot

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



80.4990, 6.6560, 11.8404



117.3040, 2.3151, 4.1184



73.6220, 10.0464, -2.2995



58.0650, 1.4470, 2.5740



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



80.4990, 6.6560, 11.8404



101.4550, 10.1287, 18.0180



79.2450, 1.8512, 12.9401



43.0650, 1.4470, 2.5740



45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Inverse Universe

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



80.4990, 6.6560, 11.8404



101.4550, 10.1287, 18.0180



85.8690, -1.4144, -13.0401



43.0650, 1.4470, 2.5740



45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Previews

White Background



This preview shows how the YUV color 80.4990, 6.6560, 11.8404 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 80.4990, 6.6560, 11.8404 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 80.4990, 6.6560, 11.8404

Background



This preview shows how black text looks on a background with the YUV color 80.4990, 6.6560, 11.8404.

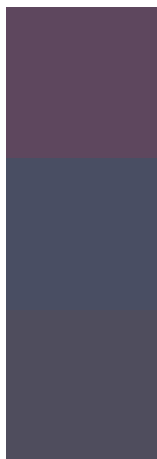


This preview shows how white text looks on a background with the YUV color 80.4990, 6.6560,

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

80.4990, 6.6560, 11.8404

Protanopia

78.8990, 9.9098, -5.1734

Deuteranopia

79.4220, 6.6940, -0.3701



Tritanopia

79.9520, -0.4693, 10.5661

Trichromacy



Original Color

80.4990, 6.6560, 11.8404

Protanomaly

79.3020, 8.7251, 1.4891

Deuteranomaly

79.7430, 6.5357, 3.7334

Tritanomaly

80.2340, 1.8566, 11.1958

Monochromacy



Original Color

80.4990, 6.6560, 11.8404

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.3040, 2.3151, 4.1184

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4990, 6.6560, 11.8404 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(94, 71, 94)` looks like.

```
.text, #text, p{  
    color:rgb(94, 71, 94)  
}
```

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(94, 71, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 71, 94) }
```

Border

The CSS property to change the border of an element to YUV 80.4990, 6.6560, 11.8404 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(94, 71, 94) }
```


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

```
.border{ border-color:rgb(94, 71, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 71, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 71, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 71, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 71, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.4990, 6.6560, 11.8404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 71, 94) }
```

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

```
.background{ background-color: rgb(94, 71,  
94) }
```

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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