

Converting Colors

YUV(81.3380, -6.0826, -9.0664)

Have a look what the booklet for
YUV(81.3380, -6.0826, -9.0664)
contains.

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Color

**YUV(81.3380, -6.0826,
-9.0664)**

Conversions

Conversions Part 1

Format	Color
Hex	475945
RGB	71, 89, 69
RGB Percent	28%, 35%, 27%
CMY	0.7216, 0.6510, 0.7294
CMYK	0.20, 0.00, 0.22, 0.65
HSL	114°, 13%, 31%
HSV	114°, 22%, 35%
XYZ	7.2451, 8.9140, 6.9689
YIQ	81.3380, -4.3080, -10.0360

Conversions

Conversions Part 2

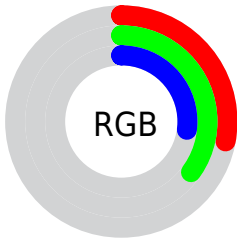
Format	Color
RYB	69, 89, 87
Decimal	4675909
CIELab	35.82, -11.35, 9.34
CIElCh	36, 14.701, 140.556
Yxy	8.9140, 0.3133, 0.3854
Android (android.graphics.Color)	4282865989 (0xFF475945)
YUV	81.3380, -6.0826, -9.0664
Hunter-Lab	29.8564, -8.9329, 7.0602

Details

The YUV color **81.3380, -6.0826, -9.0664** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76.6620, 6.0826, 9.0664**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8110, -6.8088, -9.4812**, and **36.2780, -5.0671, -8.1368** is the 20% darker color. If you saturate the color by 10%, you get **77.9200, -8.8346, -13.0848**, and if you desaturate by 10%, it is **84.7560, -3.3307, -5.0480**.

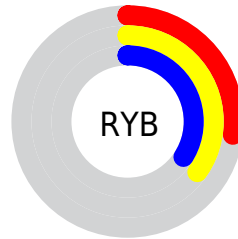
Distribution



Red (28%)

Green (35%)

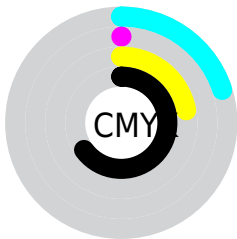
Blue (27%)



Red (27%)

Yellow (35%)

Blue (34%)

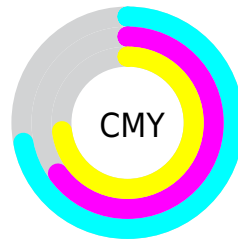


Cyan (20%)

Magenta (0%)

Yellow (22%)

Black (65%)



Cyan (72%)

Magenta (65%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3380, -6.0826, -9.0664 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 81.3380, -6.0826, -9.0664 by changing the saturation by 10% instead.

81.3380, -6.0826,
-9.0664

81.3380, -6.0826,
-9.0664

255.0000, 0.0000,
0.0000

58.4520, -5.6458,
-9.1664

130.8110, -6.8088,
-9.4812

36.2780, -5.0671,
-8.1368

156.5120, -6.6614,
-10.0960

14.6860, -7.2402,
-11.1256

183.9850, -7.3876,
-10.5108

0.0000, 0.0000,
0.0000

211.0990, -6.9508,
-10.6108

239.9850, -7.3876,
-10.5108

254.7720, -0.8736,

0.2000

■ 81.3380, -6.0826,
-9.0664

■ 81.3380, -6.0826,
-9.0664

■ 77.9200, -8.8346,
-13.0848

■ 84.7560, -3.3307,
-5.0480

■ 74.5020, -11.5865,
-17.1033

■ 88.1740, -0.5788,
-1.0296

■ 71.0840, -14.3384,
-21.1217

■ 91.5920, 2.1731,
2.9888

■ 67.6660, -17.0903,
-25.1401

■ 95.0100, 4.9251,
7.0072

■ 64.2480, -19.8423,
-29.1585

■ 98.3140, 7.2402,
11.1256

■ 60.9440, -22.1574,
-33.2769

■ 101.7320, 9.9921,
15.1440

■ 57.5260, -24.9093,
-37.2953

■ 105.1500, 12.7441,
19.1625

■ 54.9340, -27.0825,
-40.2841

■ 108.5680, 15.4960,
23.1809

■ 111.9860, 18.2479,
27.1993

Harmonies

Analogous

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



82.6660, -10.1883, 1.1699



81.3380, -6.0826, -9.0664



79.8790, 0.0597, -19.1879

Triad

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



81.3380, -6.0826, -9.0664



82.1150, 12.2683, -15.0099



85.6820, -4.2802, 19.5729

Complementary

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



81.3380, -6.0826, -9.0664



76.6620, 6.0826, 9.0664

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.



86.0390, 0.9668, 16.6288



81.3380, -6.0826, -9.0664



85.0240, 10.3412, -3.5290

Square

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



81.3380, -6.0826, -9.0664



79.7180, 10.9850, -23.4317



86.3630, 6.2300, 8.4516



84.8190, -8.7848, 17.6987

Rectangle

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



81.3380, -6.0826, -9.0664



78.9970, 4.4385, -23.6764



86.3630, 6.2300, 8.4516



86.0240, -2.9698, 19.2730

Sweetspot

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



81.3380, -6.0826, -9.0664



111.9950, -2.4625, -3.5036



85.5460, -8.1572, 3.0292



56.9350, -1.4470, -2.5740



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



81.3380, -6.0826, -9.0664



103.0940, -9.4133, -14.1144



81.6520, -2.2934, -11.0958



41.3480, -1.1576, -2.0592



66.0980, -32.5863, -48.3209



144.8220, -71.3972, -106.8379

Inverse Universe

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



76.6620, 6.0826, 9.0664



95.9060, 9.4133, 14.1144



76.3480, 2.2934, 11.0958



40.6520, 1.1576, 2.0592



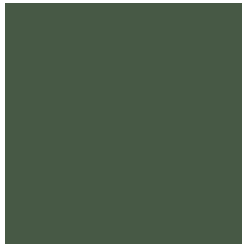
40.9020, 32.5863, 48.3209



89.8790, 71.5447, 106.2231

Previews

White Background



This preview shows how the YUV color 81.3380, -6.0826, -9.0664 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 81.3380, -6.0826, -9.0664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

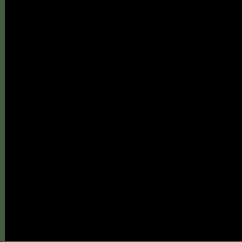
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.3380, -6.0826, -9.0664

Background



This preview shows how black text looks on a background with the YUV color 81.3380, -6.0826, -9.0664.



This preview shows how white text looks on a background with the YUV color 81.3380, -6.0826, -9.0664.

-9.0664.

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

81.3380, -6.0826, -9.0664

Protanopia

83.5570, -8.1626, 4.7735

Deuteranopia

84.6440, -6.7265, 10.8362



Tritanopia

83.5090, 4.6791, -7.4624

Trichromacy



Original Color

81.3380, -6.0826, -9.0664

Protanomaly

82.7520, -7.2727, -0.6595

Deuteranomaly

83.6000, -6.7048, 3.8588

Tritanomaly

82.7710, 0.6059, -7.6922

Monochromacy



Original Color

81.3380, -6.0826, -9.0664

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1090, -2.0257, -3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3380, -6.0826, -9.0664 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, 89, 69)` looks like.

```
.text, #text, p{  
    color:rgb(71, 89, 69)  
}
```

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, 89, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 89, 69) }
```

Border

The CSS property to change the border of an element to YUV 81.3380, -6.0826, -9.0664 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, 89, 69) }
```


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

```
.border{ border-color:rgb(71, 89, 69) }
```

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

Here you see how a box with a 4 pixel rgb(71, 89, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 89, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 89, 69);  
box-shadow:4px 4px 4px 4px rgb(71, 89, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.3380, -6.0826, -9.0664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 89, 69) }
```

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

```
.background{ background-color: rgb(71, 89,  
69) }
```

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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