

Converting Colors

YUV(81.9640, -8.8563, -6.1074)

Have a look what the booklet for
YUV(81.9640, -8.8563, -6.1074)
contains.

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Color

**YUV(81.9640, -8.8563,
-6.1074)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5940
RGB	75, 89, 64
RGB Percent	29%, 35%, 25%
CMY	0.7059, 0.6510, 0.7490
CMYK	0.16, 0.00, 0.28, 0.65
HSL	94°, 16%, 30%
HSV	94°, 28%, 35%
XYZ	7.3994, 9.0108, 6.1997
YIQ	81.9640, -0.3190, -10.7430

Conversions

Conversions Part 2

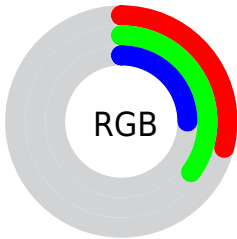
Format	Color
RYB	64, 89, 78
Decimal	4938048
CIELab	36.01, -10.66, 12.72
CIElCh	36, 16.599, 129.971
Yxy	9.0108, 0.3273, 0.3985
Android (android.graphics.Color)	4283128128 (0xFF4B5940)
YUV	81.9640, -8.8563, -6.1074
Hunter-Lab	30.0180, -8.5311, 8.7671

Details

The YUV color **81.9640, -8.8563, -6.1074** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **71.0360, 8.8563, 6.1074**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4370, -9.5824, -6.5222**, and **36.6050, -7.6933, -5.7926** is the 20% darker color. If you saturate the color by 10%, you get **79.4430, -12.0504, -8.2815**, and if you desaturate by 10%, it is **84.4850, -5.6621, -3.9333**.

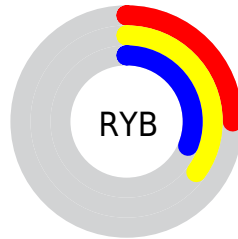
Distribution



Red (29%)

Green (35%)

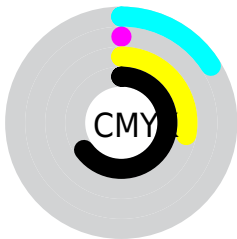
Blue (25%)



Red (25%)

Yellow (35%)

Blue (31%)

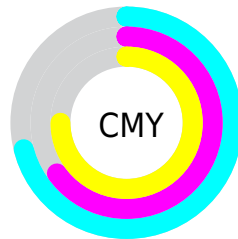


Cyan (16%)

Magenta (0%)

Yellow (28%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.9640, -8.8563, -6.1074 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 81.9640, -8.8563, -6.1074 by changing the saturation by 10% instead.

81.9640, -8.8563,
-6.1074

81.9640, -8.8563,
-6.1074

255.0000, 0.0000,
0.0000

59.0780, -8.4195,
-6.2074

131.4370, -9.5824,
-6.5222

36.6050, -7.6933,
-5.7926

157.3230,
-10.0192, -6.4223

15.8820, -7.8298,
-8.6665

184.3230,
-10.0192, -6.4223

0.0000, 0.0000,
0.0000

211.9100,
-10.3086, -6.9371

240.4970,
-10.5980, -7.4519

254.0880, -3.4944,

0.7998

■ 81.9640, -8.8563,
-6.1074

■ 81.9640, -8.8563,
-6.1074

■ 79.4430, -12.0504,
-8.2815

■ 84.4850, -5.6621,
-3.9333

■ 76.9220, -15.2445,
-10.4556

■ 87.0060, -2.4680,
-1.7593

■ 74.4010, -18.4387,
-12.6297

■ 89.5270, 0.7262,
0.4148

■ 71.8800, -21.6328,
-14.8038

■ 92.0480, 3.9203,
2.5889

■ 69.4730, -24.3902,
-17.0778

■ 94.5690, 7.1145,
4.7630

■ 66.9520, -27.5843,
-19.2519

■ 96.9760, 9.8718,
7.0370

■ 64.4310, -30.7785,
-21.4260

■ 99.4970, 13.0660,
9.2111

■ 63.9040, -31.5047,
-21.8408

■ 102.0180, 16.2601,
11.3852

■ 104.5390, 19.4543,
13.5593

Harmonies

Analogous

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



83.4170, -12.5306, 5.7733



81.9640, -8.8563, -6.1074



79.9070, -2.4192, -17.4584

Triad

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



81.9640, -8.8563, -6.1074



81.4130, 13.6004, -22.2872



86.4480, -2.6859, 21.5321

Complementary

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



81.9640, -8.8563, -6.1074



71.0360, 8.8563, 6.1074

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.



86.7230, 3.5876, 16.0289



81.9640, -8.8563, -6.1074



84.0880, 13.2676, -8.8472

Square

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



81.9640, -8.8563, -6.1074



78.3860, 11.1487, -29.2795



86.4380, 9.1511, 4.8779



85.8410, -8.7956, 21.1874

Rectangle

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



81.9640, -8.8563, -6.1074



78.8290, 2.5493, -24.4060



86.4380, 9.1511, 4.8779



86.6050, -0.7913, 20.5174

Sweetspot

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



81.9640, -8.8563, -6.1074



112.4790, -3.1941, -2.1741



79.6930, -7.7366, 8.1622



57.1200, -2.0312, -1.8592



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.



81.9640, -8.8563, -6.1074



103.9760, -13.7922, -9.6260



78.7890, -6.7980, -12.9700



41.9460, -1.4524, -0.8296



76.8620, -37.8930, -26.1890



168.7420, -83.1898, -57.6557

Inverse Universe

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



71.0360, 8.8563, 6.1074



87.0240, 13.7922, 9.6260



74.2110, 6.7980, 12.9700



40.0540, 1.4524, 0.8296



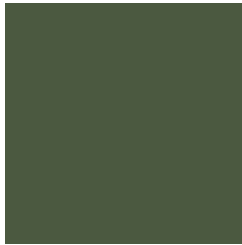
30.1380, 37.8930, 26.1890



65.9590, 83.3372, 57.0410

Previews

White Background



This preview shows how the YUV color 81.9640, -8.8563, -6.1074 looks on a white background.

Color Contrast Check

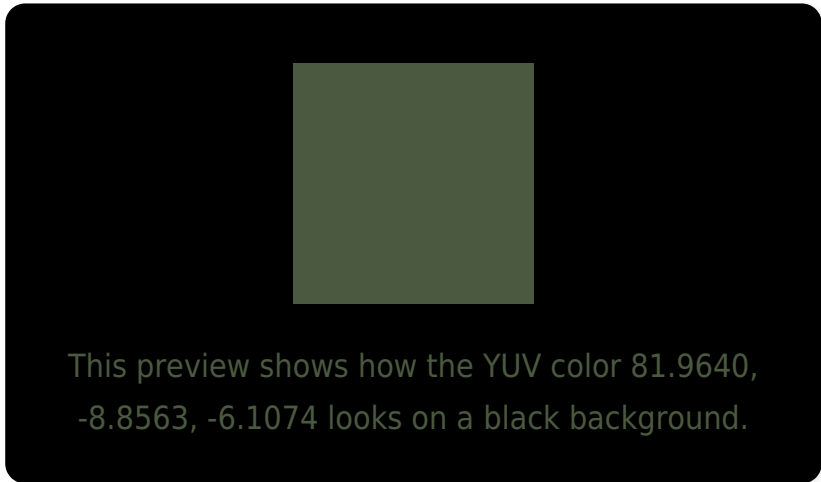
Large Text (above 18pt) WCAG AA ✓ Pass

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

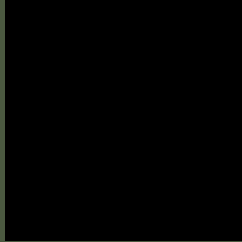
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.9640, -8.8563, -6.1074

Background



This preview shows how black text looks on a background with the YUV color 81.9640, -8.8563, -6.1074.



This preview shows how white text looks on a background with the YUV color 81.9640, -8.8563,

-6.1074.

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

81.9640, -8.8563, -6.1074

Protanopia

83.5850, -10.6414, 6.5030

Deuteranopia

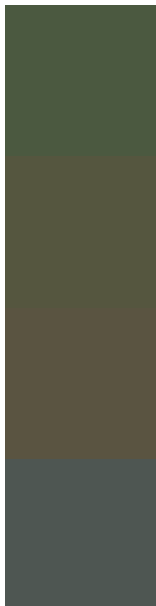
84.6720, -9.2053, 12.5657



Tritanopia

84.0040, 3.9420, -4.3885

Trichromacy



Original Color

81.9640, -8.8563, -6.1074

Protanomaly

83.0790, -9.8989, 1.6847

Deuteranomaly

83.6280, -9.1836, 5.5882

Tritanomaly

83.1520, -0.5679, -4.5183

Monochromacy



Original Color

81.9640, -8.8563, -6.1074

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.0660, -3.4835, -2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.9640, -8.8563, -6.1074 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(75, 89, 64)` looks like.

```
.text, #text, p{  
    color:rgb(75, 89, 64)  
}
```

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(75, 89, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 89, 64) }
```

Border

The CSS property to change the border of an element to YUV 81.9640, -8.8563, -6.1074 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(75, 89, 64) }
```


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

```
.border{ border-color:rgb(75, 89, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 89, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 89, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 89, 64);  
box-shadow:4px 4px 4px 4px rgb(75, 89, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.9640, -8.8563, -6.1074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 89, 64) }
```

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

```
.background{ background-color: rgb(75, 89,  
64) }
```

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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