

Converting Colors

YUV(81.4970, -3.6960, 18.8581)

Have a look what the booklet for
YUV(81.4970, -3.6960, 18.8581)
contains.

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Color

**YUV(81.4970, -3.6960,
18.8581)**

Conversions

Conversions Part 1

Format	Color
Hex	67484A
RGB	103, 72, 74
RGB Percent	40%, 28%, 29%
CMY	0.5961, 0.7176, 0.7098
CMYK	0.00, 0.30, 0.28, 0.60
HSL	356°, 18%, 34%
HSV	356°, 30%, 40%
XYZ	9.1469, 8.0127, 7.5431
YIQ	81.4970, 17.8340, 7.1940

Conversions

Conversions Part 2

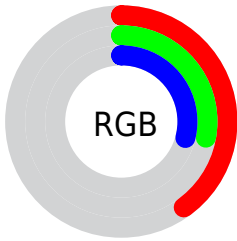
Format	Color
R_{YB}	103, 72, 74
Decimal	6768714
CIE _{Lab}	34.01, 13.57, 4.08
CIE _{LCh}	34, 14.173, 16.739
Yxy	8.0127, 0.3703, 0.3244
Android (android.graphics.Color)	4284958794 (0xFF67484A)
YUV	81.4970, -3.6960, 18.8581
Hunter-Lab	28.3067, 8.1430, 4.0153

Details

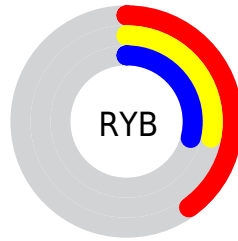
The YUV color **81.4970, -3.6960, 18.8581** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **93.5030, 3.6960, -18.8581**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3940, -4.1382, 20.7025**, and **36.3010, -3.1064, 16.3990** is the 20% darker color. If you saturate the color by 10%, you get **74.4870, -5.1701, 25.0059**, and if you desaturate by 10%, it is **88.5070, -2.2220, 12.7104**.

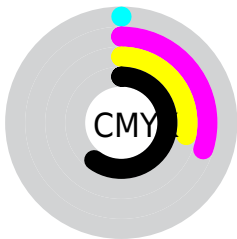
Distribution



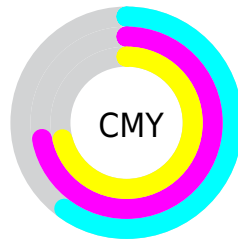
- Red (40%)
- Green (28%)
- Blue (29%)



- Red (40%)
- Yellow (28%)
- Blue (29%)



- Cyan (0%)
- Magenta (30%)
- Yellow (28%)
- Black (60%)



- Cyan (60%)
- Magenta (72%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4970, -3.6960, 18.8581 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 81.4970, -3.6960, 18.8581 by changing the saturation by 10% instead.

■ 81.4970, -3.6960,
18.8581

■ 81.4970, -3.6960,
18.8581

255.0000, 0.0000,
0.0000

■ 57.8990, -3.4012,
17.6286

■ 131.3940, -4.1382,
20.7025

■ 36.3010, -3.1064,
16.3990

■ 157.5790, -4.7224,
21.4172

■ 13.3830, -4.1328,
18.9581

■ 184.2910, -4.5805,
22.5468

■ 0.0000, 0.0000,
0.0000

■ 212.1770, -5.0173,
22.6468

■ 236.8880, -3.3958,
15.8842

81.4970, -3.6960,
18.8581

81.4970, -3.6960,
18.8581

74.4870, -5.1701,
25.0059

88.5070, -2.2220,
12.7104

67.0040, -5.9180,
31.5685

95.9900, -1.4741,
6.1478

59.9940, -7.3920,
37.7163

103.0000, 0.0000,
0.0000

52.9840, -8.8661,
43.8640

110.0100, 1.4741,
-6.1478

46.0880, -9.9034,
49.9118

117.4930, 2.2220,
-12.7104

38.4910, -11.0881,
56.5744

124.5030, 3.6960,
-18.8581

31.5950, -12.1253,
62.6222

131.3990, 4.7333,
-24.9059

138.4090, 6.2074,

-31.0537

■ 146.0060, 7.3920,
-37.7163

Harmonies

Analogous

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



81.5550, 1.6984, 15.2993



81.4970, -3.6960, 18.8581



80.9330, -8.3480, 17.5988

Triad

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



81.4970, -3.6960, 18.8581



77.2350, -6.5249, -7.2221



78.2890, 11.6895, -16.0395

Complementary

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



81.4970, -3.6960, 18.8581



93.5030, 3.6960, -18.8581

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.



75.4900, 10.1114, -23.2317



81.4970, -3.6960, 18.8581



75.9610, -0.9668, -16.6288

Square

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



81.4970, -3.6960, 18.8581



78.6770, -10.1938, 2.9143



74.6380, 5.6015, -23.3615



80.3120, 10.1992, -4.6586

Rectangle

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



81.4970, -3.6960, 18.8581



80.1560, -9.9369, 13.8952



74.6380, 5.6015, -23.3615



77.1530, 11.2636, -19.4282

Sweetspot

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



81.4970, -3.6960, 18.8581



126.7020, -1.3321, 7.2773



84.2050, 9.2659, 14.7292



63.5060, -0.7425, 4.8182



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



81.4970, -3.6960, 18.8581



101.1070, -5.4758, 29.7242



88.9000, -8.3317, 12.3657



47.4950, -0.7370, 3.0739



35.1830, -13.8942, 69.9995



74.1820, -28.6837, 147.1764

Inverse Universe

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



81.4970, -3.6960, 18.8581



101.1070, -5.4758, 29.7242



86.1000, 8.3317, -12.3657



47.4950, -0.7370, 3.0739



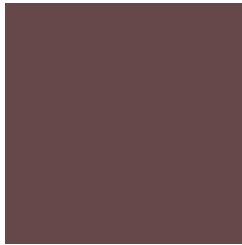
35.1830, -13.8942, 69.9995



74.1820, -28.6837, 147.1764

Previews

White Background



This preview shows how the YUV color 81.4970, -3.6960, 18.8581 looks on a white background.

Color Contrast Check

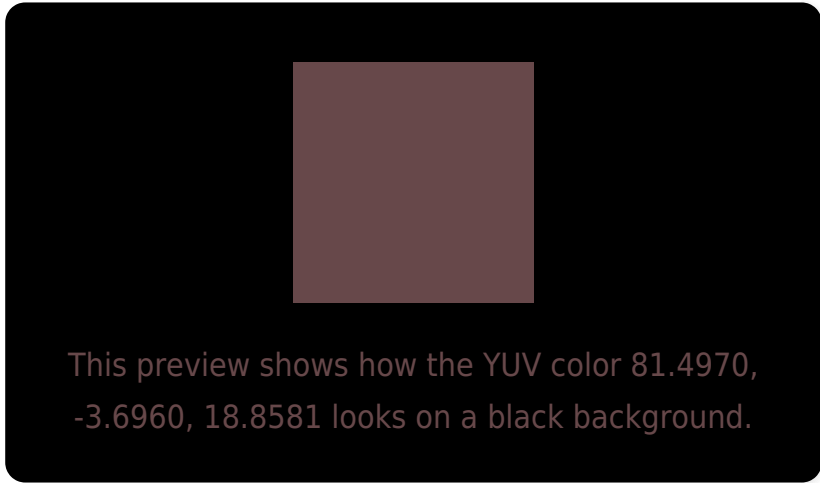
Large Text (above 18pt) WCAG AA ✓ Pass

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

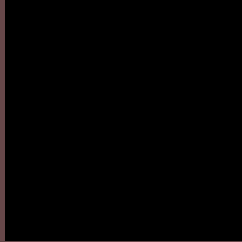
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.4970, -3.6960, 18.8581

Background



This preview shows how black text looks on a background with the YUV color 81.4970, -3.6960, 18.8581.

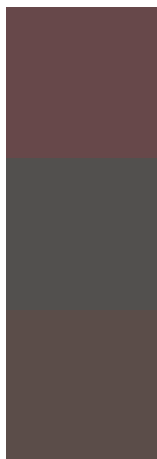


This preview shows how white text looks on a background with the YUV color 81.4970, -3.6960,

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

81.4970, -3.6960, 18.8581

Protanopia

80.3700, -1.1684, 1.4295

Deuteranopia

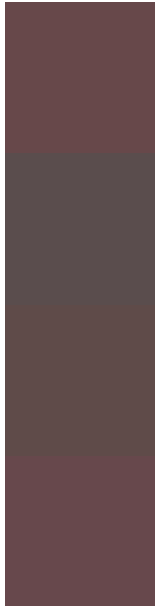
80.7300, -3.8109, 9.0068



Tritanopia

81.8390, -2.3856, 18.5582

Trichromacy



Original Color

81.4970, -3.6960, 18.8581

Protanomaly

80.8870, -1.9163, 7.9921

Deuteranomaly

80.7520, -3.8217, 12.4955

Tritanomaly

81.7250, -2.8224, 18.6582

Monochromacy



Original Color

81.4970, -3.6960, 18.8581

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2890, -1.6215, 6.7625

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4970, -3.6960, 18.8581 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(103, 72, 74)` looks like.

```
.text, #text, p{  
    color:rgb(103, 72, 74)  
}
```

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(103, 72, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 72, 74) }
```

Border

The CSS property to change the border of an element to YUV 81.4970, -3.6960, 18.8581 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(103, 72, 74) }
```


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

```
.border{ border-color:rgb(103, 72, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 72, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 72, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 72, 74);  
box-shadow:4px 4px 4px 4px rgb(103, 72,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 81.4970, -3.6960, 18.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 72, 74) }
```

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

```
.background{ background-color: rgb(103, 72,  
74) }
```

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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