

Converting Colors

YUV(75.4970, -3.6960, 18.8581)

Have a look what the booklet for
YUV(75.4970, -3.6960, 18.8581)
contains.

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Color

**YUV(75.4970, -3.6960,
18.8581)**

Conversions

Conversions Part 1

Format	Color
Hex	614244
RGB	97, 66, 68
RGB Percent	38%, 26%, 27%
CMY	0.6196, 0.7412, 0.7333
CMYK	0.00, 0.32, 0.30, 0.62
HSL	356°, 19%, 32%
HSV	356°, 32%, 38%
XYZ	7.9214, 6.8552, 6.3745
YIQ	75.4970, 17.8340, 7.1940

Conversions

Conversions Part 2

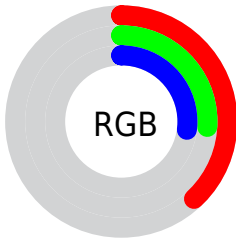
Format	Color
RYB	97, 66, 68
Decimal	6373956
CIELab	31.47, 13.77, 4.19
CIElCh	31, 14.394, 16.941
Yxy	6.8552, 0.3745, 0.3241
Android (android.graphics.Color)	4284564036 (0xFF614244)
YUV	75.4970, -3.6960, 18.8581
Hunter-Lab	26.1824, 8.1852, 3.8926




Details

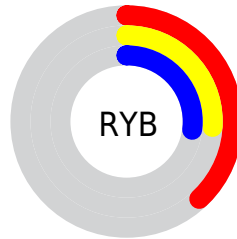
The YUV color **75.4970, -3.6960, 18.8581** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **87.5030, 3.6960, -18.8581**, and the grayscale version is **76.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **124.3940, -4.1382, 20.7025**, and **31.0020, -2.9590, 15.7842** is the 20% darker color. If you saturate the color by 10%, you get **68.6010, -4.7333, 24.9059**, and if you desaturate by 10%, it is **82.3930, -2.6587, 12.8103**.

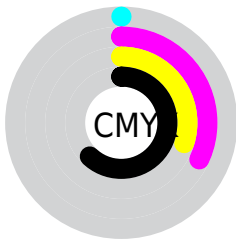
Distribution







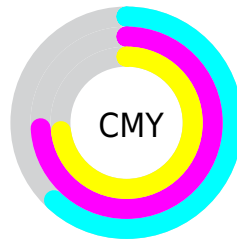
-  Red (38%)
-  Green (26%)
-  Blue (27%)






-  Red (38%)
-  Yellow (26%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (32%)
-  Yellow (30%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (74%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.4970, -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 75.4970, -3.6960, 18.8581 by changing the saturation by 10% instead.

■ 75.4970, -3.6960,
18.8581

■ 75.4970, -3.6960,
18.8581

■ 255.0000, 0.0000,
0.0000

■ 52.8990, -3.4012,
17.6286

■ 124.3940, -4.1382,
20.7025

■ 31.0020, -2.9590,
15.7842

■ 150.6930, -4.2856,
21.3172

■ 9.2690, -4.5696,
19.0581

■ 177.2910, -4.5805,
22.5468

■ 0.0000, 0.0000,
0.0000

■ 204.5900, -4.7279,
23.1616

■ 231.3940, -4.1382,
20.7025

■ 251.7230, 0.1366,

2.8739

■ 75.4970, -3.6960,
18.8581

■ 75.4970, -3.6960,
18.8581

■ 68.6010, -4.7333,
24.9059

■ 82.3930, -2.6587,
12.8103

■ 62.2920, -6.0600,
30.4389

■ 88.7020, -1.3321,
7.2773

■ 55.3960, -7.0972,
36.4867

■ 95.5980, -0.2948,
1.2296

■ 48.5000, -8.1345,
42.5345

■ 102.4940, 0.7425,
-4.8182

■ 42.1910, -9.4612,
48.0675

■ 109.3900, 1.7797,
-10.8660

■ 35.2950, -10.4984,
54.1153

■ 115.6990, 3.1064,
-16.3990

■ 29.6870, -11.6777,
59.0335

■ 122.7090, 4.5805,
-22.5468

■ 129.6050, 5.6177,
-28.5946

■ 135.9140, 6.9444,
-34.1276

Harmonies

Analogous

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



75.5550, 1.6984, 15.2993



75.4970, -3.6960, 18.8581



74.6340, -8.2006, 16.9840

Triad

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



75.4970, -3.6960, 18.8581



71.2350, -6.5249, -7.2221



71.9900, 11.8369, -16.6542

Complementary

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



75.4970, -3.6960, 18.8581



87.5030, 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.



69.1910, 10.2588, -23.8465



75.4970, -3.6960, 18.8581



69.7760, -0.3826, -17.3436

Square

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



75.4970, -3.6960, 18.8581



72.6770, -10.1938, 2.9143



68.6380, 5.6015, -23.3615



74.3120, 10.1992, -4.6586

Rectangle

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



75.4970, -3.6960, 18.8581



74.1560, -9.9369, 13.8952



68.6380, 5.6015, -23.3615



71.1530, 11.2636, -19.4282

Sweetspot

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



75.4970, -3.6960, 18.8581



116.0010, -1.4795, 7.8921



78.2050, 9.2659, 14.7292



58.5060, -0.7425, 4.8182



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



75.4970, -3.6960, 18.8581



91.8080, -5.3283, 29.1094



82.9000, -8.3317, 12.3657



45.1960, -0.5896, 2.4591



34.2860, -13.4520, 68.1552



73.4700, -28.8257, 146.0468

Inverse Universe

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



75.4970, -3.6960, 18.8581



91.8080, -5.3283, 29.1094



80.1000, 8.3317, -12.3657



45.1960, -0.5896, 2.4591



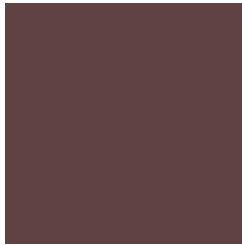
34.2860, -13.4520, 68.1552



73.4700, -28.8257, 146.0468

Previews

White Background



This preview shows how the YUV color 75.4970, -3.6960, 18.8581 looks on a white background.

Color Contrast Check

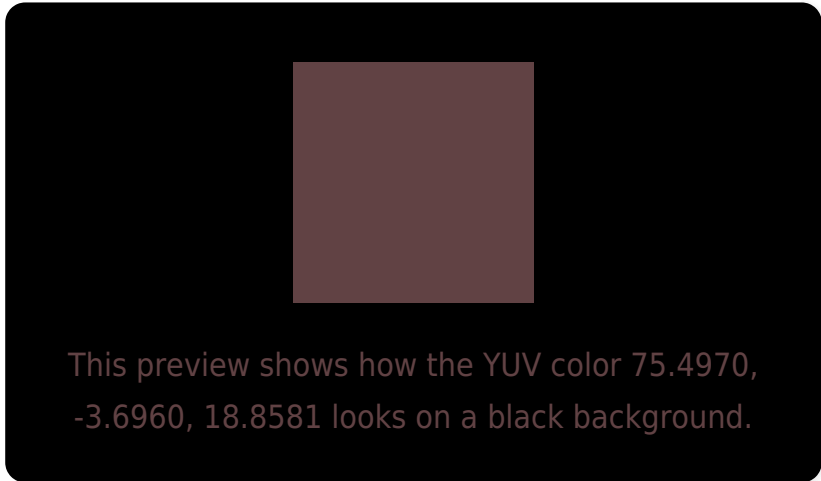
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.4970, -3.6960, 18.8581

Background



This preview shows how black text looks on a background with the YUV color 75.4970, -3.6960, 18.8581.

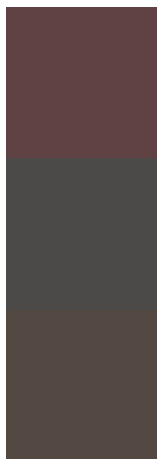


This preview shows how white text looks on a background with the YUV color 75.4970, -3.6960,

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

75.4970, -3.6960, 18.8581

Protanopia

74.3700, -1.1684, 1.4295

Deuteranopia

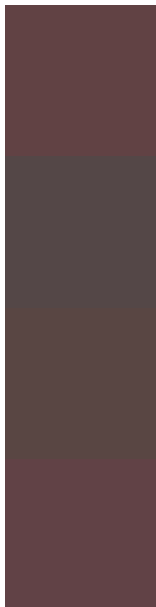
75.0180, -3.9529, 7.8772



Tritanopia

75.8390, -2.3856, 18.5582

Trichromacy



Original Color

75.4970, -3.6960, 18.8581

Protanomaly

74.8870, -1.9163, 7.9921

Deuteranomaly

75.3390, -4.1111, 11.9807

Tritanomaly

75.7250, -2.8224, 18.6582

Monochromacy



Original Color

75.4970, -3.6960, 18.8581

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2890, -1.6215, 6.7625

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.4970, -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(97, 66, 68)` looks like.

```
.text, #text, p{  
    color:rgb(97, 66, 68)  
}
```

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(97, 66, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 66, 68) }
```

Border

The CSS property to change the border of an element to YUV 75.4970, -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(97, 66, 68) }
```


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

```
.border{ border-color:rgb(97, 66, 68) }
```

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

Here you see how a box with a 4 pixel rgb(97, 66, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 66, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 66, 68);  
box-shadow:4px 4px 4px 4px rgb(97, 66, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.4970, -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(97, 66, 68) }
```

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

```
.background{ background-color: rgb(97, 66,  
68) }
```

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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