

Converting Colors

YUV(56.7960, -3.8434, 19.4729)

Have a look what the booklet for
YUV(56.7960, -3.8434, 19.4729)
contains.

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Color

**YUV(56.7960, -3.8434,
19.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	4F2F31
RGB	79, 47, 49
RGB Percent	31%, 18%, 19%
CMY	0.6902, 0.8157, 0.8078
CMYK	0.00, 0.41, 0.38, 0.69
HSL	356°, 25%, 25%
HSV	356°, 41%, 31%
XYZ	4.7953, 3.9170, 3.4091
YIQ	56.7960, 18.4300, 7.4060

Conversions

Conversions Part 2

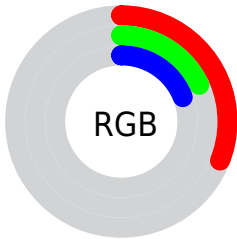
Format	Color
RYB	79, 47, 49
Decimal	5189425
CIELab	23.40, 14.95, 4.89
CIElCh	23, 15.727, 18.104
Yxy	3.9170, 0.3956, 0.3232
Android (android.graphics.Color)	4283379505 (0xFF4F2F31)
YUV	56.7960, -3.8434, 19.4729
Hunter-Lab	19.7915, 8.6141, 3.6415




Details

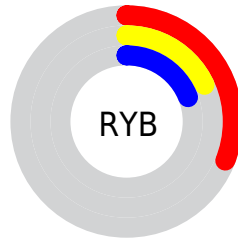
The YUV color **56.7960, -3.8434, 19.4729** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **69.2040, 3.8434, -19.4729**, and the grayscale version is **57.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **103.9920, -4.4331, 21.9320**, and **10.8780, -4.8699, 22.0320** is the 20% darker color. If you saturate the color by 10%, you get **51.3020, -4.5859, 24.2911**, and if you desaturate by 10%, it is **62.2900, -3.1010, 14.6547**.

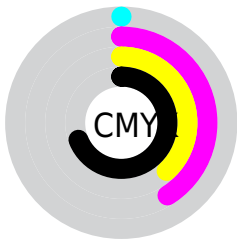
Distribution







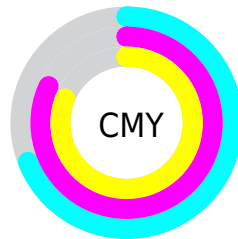
-  Red (31%)
-  Green (18%)
-  Blue (19%)






-  Red (31%)
-  Yellow (18%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (41%)
-  Yellow (38%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (82%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.7960, -3.8434, 19.4729 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 56.7960, -3.8434, 19.4729 by changing the saturation by 10% instead.

■ 56.7960, -3.8434,
19.4729

■ 56.7960, -3.8434,
19.4729

■ 255.0000, 0.0000,
0.0000

■ 34.8990, -3.4012,
17.6286

■ 103.9920, -4.4331,
21.9320

■ 10.8780, -4.8699,
22.0320

■ 129.5900, -4.7279,
23.1616

■ 0.0000, 0.0000,
0.0000

■ 155.7750, -5.3121,
23.8763

■ 183.0740, -5.4595,
24.4911

■ 210.6720, -5.7543,
25.7207

■ 234.7850, -3.8380,

17.7286

■ 56.7960, -3.8434,
19.4729

■ 56.7960, -3.8434,
19.4729

■ 51.3020, -4.5859,
24.2911

■ 62.2900, -3.1010,
14.6547

■ 45.6940, -5.7651,
29.2094

■ 67.8980, -1.9217,
9.7365

■ 40.2000, -6.5076,
34.0276

■ 73.3920, -1.1793,
4.9182

■ 34.5920, -7.6869,
38.9458

■ 79.0000, 0.0000,
0.0000

■ 29.0980, -8.4293,
43.7641

■ 84.4940, 0.7425,
-4.8182

■ 24.1910, -9.4612,
48.0675

■ 89.4010, 1.7743,
-9.1217

■ 95.0090, 2.9536,
-14.0399

■ 100.5030, 3.6960,
-18.8581

■ 106.1110, 4.8753,
-23.7763

Harmonies

Analogous

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



57.2670, 1.8404, 16.4288



56.7960, -3.8434, 19.4729



55.9330, -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.



56.7960, -3.8434, 19.4729



52.6370, -6.2300, -8.4516



52.5060, 12.5685, -17.9838

Complementary

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



56.7960, -3.8434, 19.4729



69.2040, 3.8434, -19.4729

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.



48.9130, 11.8749, -28.8647



56.7960, -3.8434, 19.4729



50.8790, 0.0597, -19.1879

Square

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



56.7960, -3.8434, 19.4729



54.2640, -10.4832, 2.3995



48.3600, 7.2175, -28.3797



55.8390, 10.9254, -4.2438

Rectangle

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



56.7960, -3.8434, 19.4729



55.6290, -10.6631, 13.4804



48.3600, 7.2175, -28.3797



51.1850, 12.7268, -22.0872

Sweetspot

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



56.7960, -3.8434, 19.4729



93.7020, -1.3321, 7.2773



59.6180, 9.5553, 15.2440



46.0930, -1.0318, 4.3034



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



56.7960, -3.8434, 19.4729



67.2920, -6.0600, 30.4389



64.7860, -8.7685, 12.4657



35.3100, -0.1528, 2.3591



31.1820, -12.4147, 62.1074



70.3660, -27.7884, 139.9990

Inverse Universe

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



56.7960, -3.8434, 19.4729



67.2920, -6.0600, 30.4389



61.2140, 8.7685, -12.4657



35.3100, -0.1528, 2.3591



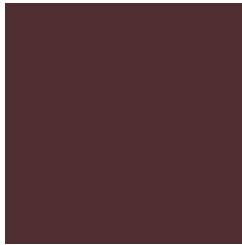
31.1820, -12.4147, 62.1074



70.3660, -27.7884, 139.9990

Previews

White Background



This preview shows how the YUV color 56.7960, -3.8434, 19.4729 looks on a white background.

Color Contrast Check

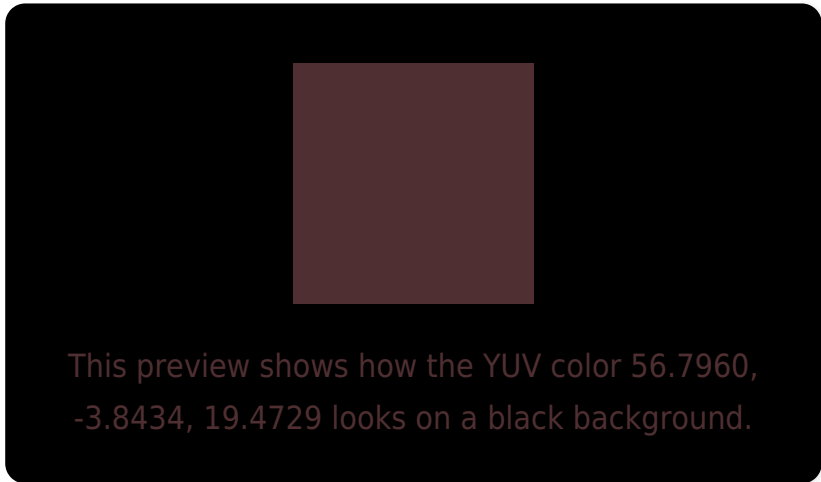
Large Text (above 18pt) WCAG AA ✓ Pass

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

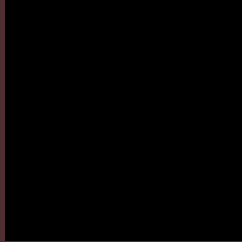
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.7960, -3.8434, 19.4729

Background



This preview shows how black text looks on a background with the YUV color 56.7960, -3.8434, 19.4729.

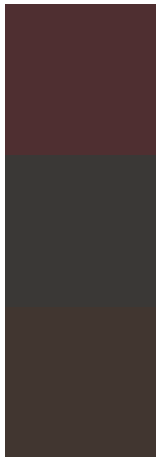


This preview shows how white text looks on a background with the YUV color 56.7960, -3.8434,

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

56.7960, -3.8434, 19.4729

Protanopia

56.3700, -1.1684, 1.4295

Deuteranopia

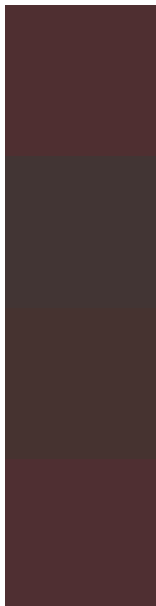
56.6050, -4.2423, 7.3624



Tritanopia

56.9100, -3.4066, 19.3729

Trichromacy



Original Color

56.7960, -3.8434, 19.4729

Protanomaly

56.7730, -2.3531, 8.0921

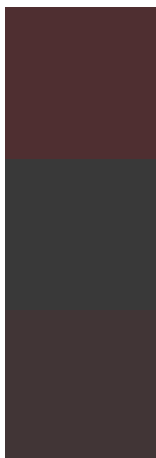
Deuteranomaly

56.3390, -4.1111, 11.9807

Tritanomaly

56.9100, -3.4066, 19.3729

Monochromacy



Original Color

56.7960, -3.8434, 19.4729

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.7020, -1.3321, 7.2773

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.7960, -3.8434, 19.4729 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(79, 47, 49)` looks like.

```
.text, #text, p{  
    color:rgb(79, 47, 49)  
}
```

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(79, 47, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 47, 49) }
```

Border

The CSS property to change the border of an element to YUV 56.7960, -3.8434, 19.4729 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(79, 47, 49) }
```


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

```
.border{ border-color:rgb(79, 47, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 47, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 47, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 47, 49);  
box-shadow:4px 4px 4px 4px rgb(79, 47, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.7960, -3.8434, 19.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 47, 49) }
```

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

```
.background{ background-color: rgb(79, 47,  
49) }
```

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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