

Converting Colors

YUV(56.5680, -4.7170, 19.6729)

Have a look what the booklet for
YUV(56.5680, -4.7170, 19.6729)
contains.

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Color

**YUV(56.5680, -4.7170,
19.6729)**

Conversions

Conversions Part 1

Format	Color
Hex	4F2F2F
RGB	79, 47, 47
RGB Percent	31%, 18%, 18%
CMY	0.6902, 0.8157, 0.8157
CMYK	0.00, 0.41, 0.41, 0.69
HSL	0°, 25%, 25%
HSV	0°, 41%, 31%
XYZ	4.7541, 3.9005, 3.1916
YIQ	56.5680, 19.0720, 6.7840

Conversions

Conversions Part 2

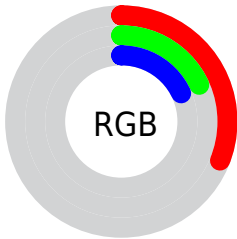
Format	Color
R_YB	79, 47, 47
Decimal	5189423
CIE Lab	23.34, 14.66, 6.16
CIE LCh	23, 15.898, 22.802
Yxy	3.9005, 0.4013, 0.3293
Android (android.graphics.Color)	4283379503 (0xFF4F2F2F)
YUV	56.5680, -4.7170, 19.6729
Hunter-Lab	19.7498, 8.4055, 4.2433

Details

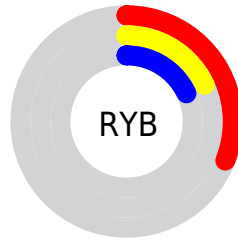
The YUV color **56.5680, -4.7170, 19.6729** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **69.4320, 4.7170, -19.6729**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.7640, -5.3067, 22.1320**, and **10.7640, -5.3067, 22.1320** is the 20% darker color. If you saturate the color by 10%, you get **50.9600, -5.8963, 24.5911**, and if you desaturate by 10%, it is **62.1760, -3.5378, 14.7546**.

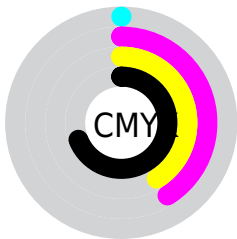
Distribution



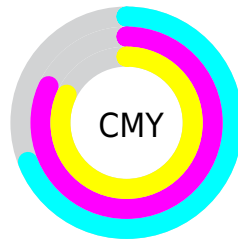
- Red (31%)
- Green (18%)
- Blue (18%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 56.5680, -4.7170, 19.6729 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 56.5680, -4.7170, 19.6729 by changing the saturation by 10% instead.

■ 56.5680, -4.7170,
19.6729

■ 56.5680, -4.7170,
19.6729

■ 255.0000, 0.0000,
0.0000

■ 34.6710, -4.2748,
17.8285

■ 103.7640, -5.3067,
22.1320

■ 10.7640, -5.3067,
22.1320

■ 129.2480, -6.0383,
23.4615

■ 0.0000, 0.0000,
0.0000

■ 155.5470, -6.1857,
24.0763

■ 182.7320, -6.7699,
24.7910

■ 210.4440, -6.6279,
25.9206

■ 234.5570, -4.7116,

17.9285

254.7720, -0.8736,
0.2000

■ 56.5680, -4.7170,
19.6729

■ 56.5680, -4.7170,
19.6729

■ 50.9600, -5.8963,
24.5911

■ 62.1760, -3.5378,
14.7546

■ 45.3520, -7.0755,
29.5093

■ 67.7840, -2.3585,
9.8364

■ 39.7440, -8.2548,
34.4275

■ 73.3920, -1.1793,
4.9182

■ 34.1360, -9.4340,
39.3457

■ 79.0000, 0.0000,
0.0000

■ 28.5280, -10.6133,
44.2639

■ 84.6080, 1.1793,
-4.9182

■ 23.6210, -11.6452,
48.5674

■ 89.5150, 2.2111,
-9.2217

■ 95.1230, 3.3904,
-14.1399

■ 100.7310, 4.5696,
-19.0581

■ 106.3390, 5.7489,
-23.9763

Harmonies

Analogous

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



57.3380, 0.8194, 17.2436



56.5680, -4.7170, 19.6729



55.9930, -9.3635, 16.6691

Triad

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



56.5680, -4.7170, 19.6729



52.1530, -5.4984, -9.7812



53.2180, 12.7105, -16.8542

Complementary

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



56.5680, -4.7170, 19.6729



69.4320, 4.7170, -19.6729

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.



49.3260, 12.1643, -28.3499



56.5680, -4.7170, 19.6729



50.0960, 0.9387, -21.1322

Square

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



56.5680, -4.7170, 19.6729



53.9540, -10.3303, 0.0403



47.5770, 8.0965, -30.3240



56.3230, 10.1938, -2.9143

Rectangle

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



56.5680, -4.7170, 19.6729



55.8030, -11.2419, 12.4508



47.5770, 8.0965, -30.3240



51.8970, 12.8688, -20.9577

Sweetspot

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



56.5680, -4.7170, 19.6729



93.5880, -1.7689, 7.3773



60.2160, 9.2605, 16.4736



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.



56.5680, -4.7170, 19.6729



66.9500, -7.3703, 30.7389



65.9600, -9.3473, 11.4361



35.1960, -0.5896, 2.4591



30.4980, -15.0355, 62.7073



68.7700, -33.9036, 141.3987

Inverse Universe

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



69.4320, 4.7170, -19.6729



87.0500, 7.3704, -30.7388



60.0400, 9.3473, -11.4361



36.8040, 0.5896, -2.4591



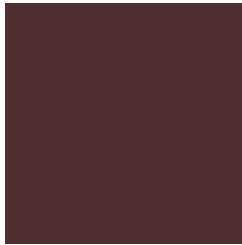
71.5020, 15.0355, -62.7073



161.2300, 33.9036, -141.3987

Previews

White Background



This preview shows how the YUV color 56.5680, -4.7170, 19.6729 looks on a white background.

Color Contrast Check

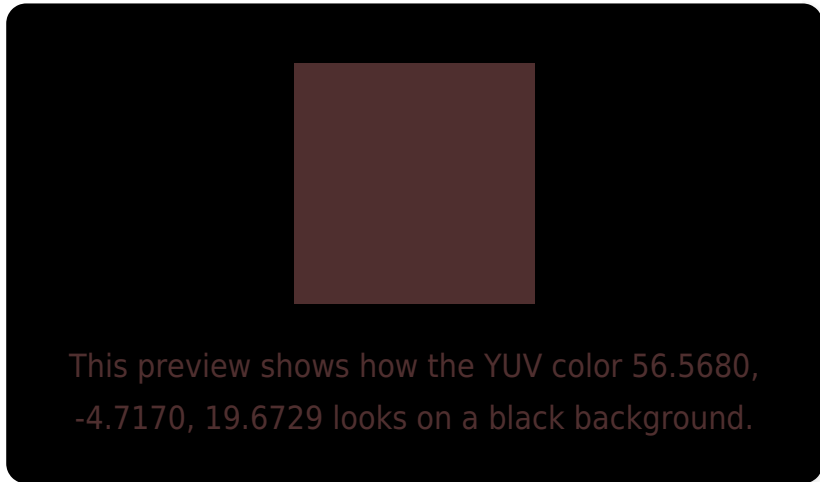
Large Text (above 18pt) WCAG AA ✓ Pass

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

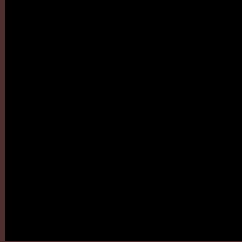
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.5680, -4.7170, 19.6729

Background



This preview shows how black text looks on a background with the YUV color 56.5680, -4.7170, 19.6729.

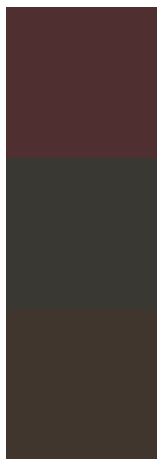


This preview shows how white text looks on a background with the YUV color 56.5680, -4.7170,

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

56.5680, -4.7170, 19.6729

Protanopia

56.0280, -2.4788, 1.7294

Deuteranopia

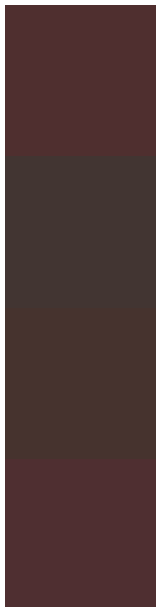
56.3770, -5.1159, 7.5624



Tritanopia

56.9100, -3.4066, 19.3729

Trichromacy



Original Color

56.5680, -4.7170, 19.6729

Protanomaly

56.5450, -3.2267, 8.2920

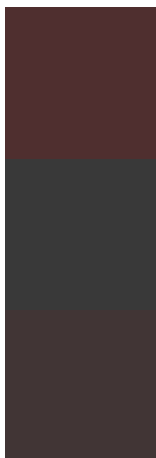
Deuteranomaly

56.1110, -4.9847, 12.1807

Tritanomaly

56.7960, -3.8434, 19.4729

Monochromacy



Original Color

56.5680, -4.7170, 19.6729

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.5880, -1.7689, 7.3773

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.5680, -4.7170, 19.6729 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, 47)` looks like.

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

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, 47) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 56.5680, -4.7170, 19.6729 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, 47) }
```


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

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

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, 47) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 56.5680, -4.7170, 19.6729 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, 47) }
```

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

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

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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