

Converting Colors

YUV(56.7550, -4.8092, 49.3269)

Have a look what the booklet for
YUV(56.7550, -4.8092, 49.3269)
contains.

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Color

**YUV(56.7550, -4.8092,
49.3269)**

Conversions

Conversions Part 1

Format	Color
Hex	711E2F
RGB	113, 30, 47
RGB Percent	44%, 12%, 18%
CMY	0.5569, 0.8824, 0.8157
CMYK	0.00, 0.73, 0.58, 0.56
HSL	348°, 58%, 28%
HSV	348°, 73%, 44%
XYZ	7.7874, 4.6445, 3.1754
YIQ	56.7550, 44.0110, 22.8830

Conversions

Conversions Part 2

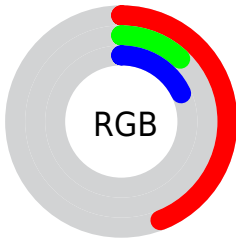
Format	Color
R_{YB}	113, 30, 47
Decimal	7413295
CIE Lab	25.70, 37.44, 10.33
CIE LCh	26, 38.835, 15.426
Yxy	4.6445, 0.4990, 0.2976
Android (android.graphics.Color)	4285603375 (0xFF711E2F)
YUV	56.7550, -4.8092, 49.3269
Hunter-Lab	21.5511, 26.7860, 6.3499

Details

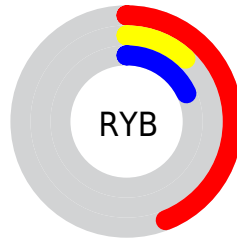
The YUV color **56.7550, -4.8092, 49.3269** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **86.2450, 4.8092, -49.3269**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.6800, -7.7302, 52.9006**, and **17.9400, -8.8444, 36.8866** is the 20% darker color. If you saturate the color by 10%, you get **49.2720, -5.5571, 55.8895**, and if you desaturate by 10%, it is **64.2380, -4.0613, 42.7643**.

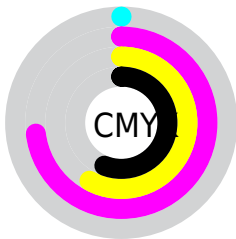
Distribution



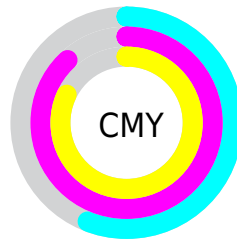
- Red (44%)
- Green (12%)
- Blue (18%)



- Red (44%)
- Yellow (12%)
- Blue (18%)



- Cyan (0%)
- Magenta (73%)
- Yellow (58%)
- Black (56%)



- Cyan (56%)
- Magenta (88%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.7550, -4.8092, 49.3269 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 56.7550, -4.8092, 49.3269 by changing the saturation by 10% instead.

■ 56.7550, -4.8092,
49.3269

■ 56.7550, -4.8092,
49.3269

255.0000, 0.0000,
0.0000

■ 28.6780, -1.3203,
50.2714

■ 108.6800, -7.7302,
52.9006

■ 17.9400, -8.8444,
36.8866

■ 134.7620, -8.7567,
55.4597

■ 9.9810, -4.4276,
20.1877

■ 161.6590, -9.1989,
57.3041

■ 0.0000, 0.0000,
0.0000

■ 188.8440, -9.7831,
58.0188

■ 208.3580, -6.0925,
40.9050

■ 227.9860, -1.9651,

23.6913

248.3150, 2.3097,
5.8627

56.7550, -4.8092,
49.3269

56.7550, -4.8092,
49.3269

49.2720, -5.5571,
55.8895

64.2380, -4.0613,
42.7643

41.2020, -6.0156,
62.9668

72.3080, -3.6028,
35.6869

36.4090, -6.6106,
67.1703

79.7910, -2.8550,
29.1243

87.2740, -2.1071,
22.5617

95.3440, -1.6486,
15.4843

■ 102.8270, -0.9007,
8.9217

■ 110.3100, -0.1528,
2.3591

■ 117.7930, 0.5951,
-4.2035

■ 125.8630, 1.0535,
-11.2809

Harmonies

Analogous

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



59.1420, 8.3110, 41.0945



56.7550, -4.8092, 49.3269



57.6280, -19.0436, 41.5452

Triad

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



56.7550, -4.8092, 49.3269



49.9760, -17.2432, -22.7810



53.3680, 31.8636, -46.8037

Complementary

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



56.7550, -4.8092, 49.3269



86.2450, 4.8092, -49.3269

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.



54.4790, 23.4279, -47.7781



56.7550, -4.8092, 49.3269



47.9810, -1.4696, -42.0793

Square

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



56.7550, -4.8092, 49.3269



55.8070, -27.5129, 4.5543



52.1020, 11.7817, -45.6935



55.2610, 30.9303, -27.4159

Rectangle

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



56.7550, -4.8092, 49.3269



57.2710, -27.7416, 31.3343



52.1020, 11.7817, -45.6935



54.0860, 29.5376, -47.4334

Sweetspot

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



56.7550, -4.8092, 49.3269



125.6650, -1.8068, 19.5878



58.8970, 26.6728, 31.6623



61.1370, -1.0535, 11.2809



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



56.7550, -4.8092, 49.3269



59.8340, -7.8062, 77.3216



68.9050, -19.1802, 38.6713



52.0220, -0.0108, 3.4887



38.7300, -6.7689, 71.2738



79.6670, -14.1328, 146.7510

Inverse Universe

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



56.7550, -4.8092, 49.3269



59.8340, -7.8062, 77.3216



74.0950, 19.1802, -38.6713



52.0220, -0.0108, 3.4887



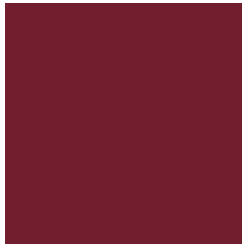
38.7300, -6.7689, 71.2738



79.6670, -14.1328, 146.7510

Previews

White Background



This preview shows how the YUV color 56.7550, -4.8092, 49.3269 looks on a white background.

Color Contrast Check

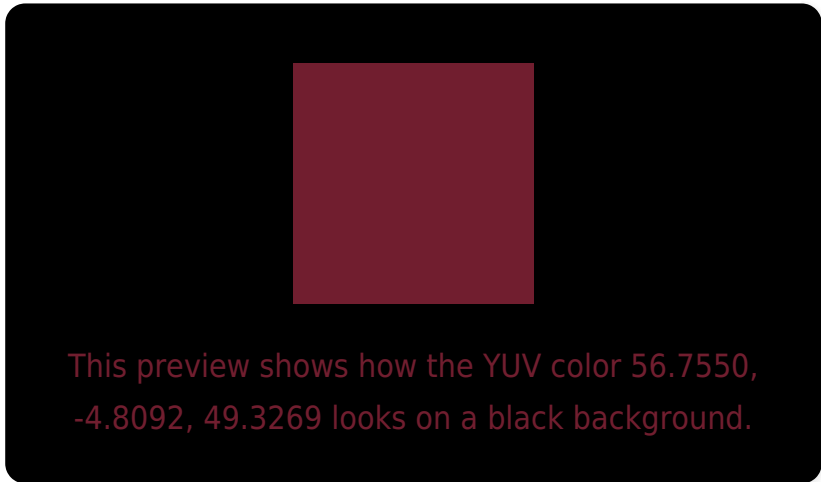
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.7550, -4.8092, 49.3269

Background



This preview shows how black text looks on a background with the YUV color 56.7550, -4.8092, 49.3269.



This preview shows how white text looks on a background with the YUV color 56.7550, -4.8092,

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

56.7550, -4.8092, 49.3269

Protanopia

62.5980, -0.2948, 1.2296

Deuteranopia

62.2480, -9.4893, 10.3065



Tritanopia

56.7350, -11.2084, 48.4674

Trichromacy



Original Color

56.7550, -4.8092, 49.3269

Protanomaly

60.3660, -1.6594, 18.9730

Deuteranomaly

60.0910, -7.9329, 24.4762

Tritanomaly

56.7180, -8.7350, 48.4823

Monochromacy



Original Color

56.7550, -4.8092, 49.3269

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.6540, -1.8014, 17.8434

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.7550, -4.8092, 49.3269 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(113, 30, 47)` looks like.

```
.text, #text, p{  
    color:rgb(113, 30, 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(113, 30, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 30, 47) }
```

Border

The CSS property to change the border of an element to YUV 56.7550, -4.8092, 49.3269 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(113, 30, 47) }
```


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

```
.border{ border-color:rgb(113, 30, 47) }
```

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

Here you see how a box with a 4 pixel rgb(113, 30, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 30, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 30, 47);  
box-shadow:4px 4px 4px 4px rgb(113, 30,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 56.7550, -4.8092, 49.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 30, 47) }
```

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

```
.background{ background-color: rgb(113, 30,  
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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