

Converting Colors

YUV(61.1710, 4.3527, 50.7160)

Have a look what the booklet for
YUV(61.1710, 4.3527, 50.7160)
contains.

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Color

**YUV(61.1710, 4.3527,
50.7160)**

Conversions

Conversions Part 1

Format	Color
Hex	771E46
RGB	119, 30, 70
RGB Percent	47%, 12%, 27%
CMY	0.5333, 0.8824, 0.7255
CMYK	0.00, 0.75, 0.41, 0.53
HSL	333°, 60%, 29%
HSV	333°, 75%, 47%
XYZ	9.1775, 5.2927, 6.3322
YIQ	61.1710, 40.2040, 31.3080

Conversions

Conversions Part 2

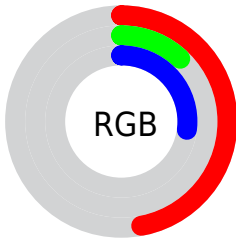
Format	Color
R_{YB}	119, 30, 70
Decimal	7806534
CIE _{Lab}	27.55, 41.66, -2.40
CIE _{LCh}	28, 41.726, 356.708
Yxy	5.2927, 0.4412, 0.2544
Android (android.graphics.Color)	4285996614 (0xFF771E46)
YUV	61.1710, 4.3527, 50.7160
Hunter-Lab	23.0058, 30.9472, -0.2152

Details

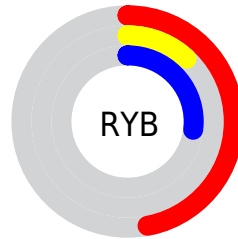
The YUV color **61.1710, 4.3527, 50.7160** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **87.8290, -4.3527, -50.7160**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.9110, 2.0159, 53.5751**, and **22.8120, 2.0647, 37.8759** is the 20% darker color. If you saturate the color by 10%, you get **53.3290, 4.7678, 57.5935**, and if you desaturate by 10%, it is **69.0130, 3.9376, 43.8386**.

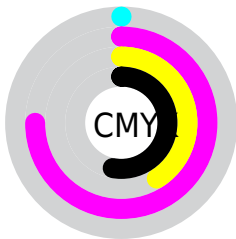
Distribution



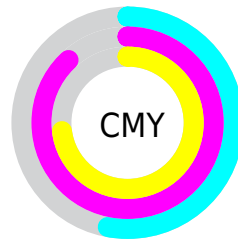
- Red (47%)
- Green (12%)
- Blue (27%)



- Red (47%)
- Yellow (12%)
- Blue (27%)



- Cyan (0%)
- Magenta (75%)
- Yellow (41%)
- Black (53%)



- Cyan (53%)
- Magenta (88%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.1710, 4.3527, 50.7160 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 61.1710, 4.3527, 50.7160 by changing the saturation by 10% instead.

61.1710, 4.3527,
50.7160

61.1710, 4.3527,
50.7160

255.0000, 0.0000,
0.0000

32.9800, 7.4049,
51.7605

113.9110, 2.0159,
53.5751

22.8120, 2.0647,
37.8759

140.5090, 1.7211,
54.8046

12.9710, -5.9017,
26.3354

167.9930, 0.9895,
56.1341

0.0000, 0.0000,
0.0000

193.7970, 1.5791,
53.6750

212.8380, 5.9959,
36.9761

233.1670, 10.2707,

19.1475

250.3040, 2.3151,
4.1184

61.1710, 4.3527,
50.7160

61.1710, 4.3527,
50.7160

53.3290, 4.7678,
57.5935

69.0130, 3.9376,
43.8386

45.6010, 5.6197,
64.3709

76.7410, 3.0857,
37.0611

41.6230, 5.6089,
67.8596

84.5830, 2.6706,
30.1837

92.3110, 1.8187,
23.4063

100.1530, 1.4036,
16.5288

■ 107.2940, 0.8411,
10.2662

■ 115.1360, 0.4260,
3.3887

■ 122.8640, -0.4260,
-3.3887

■ 130.7060, -0.8411,
-10.2662

Harmonies

Analogous

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



66.0680, 17.2215, 29.7584



61.1710, 4.3527, 50.7160



60.1700, -10.9298, 52.4709

Triad

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



61.1710, 4.3527, 50.7160



57.8120, -28.5013, -5.0971



58.6510, 29.2591, -51.4369

Complementary

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



61.1710, 4.3527, 50.7160



87.8290, -4.3527, -50.7160

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.



56.9750, 17.7603, -49.9671



61.1710, 4.3527, 50.7160



48.2770, -10.4896, -42.3389

Square

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



61.1710, 4.3527, 50.7160



61.2110, -30.1770, 19.1090



53.2130, 3.3460, -46.6678



55.7960, 36.0896, -48.9331

Rectangle

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



61.1710, 4.3527, 50.7160



61.4820, -20.9436, 44.3043



53.2130, 3.3460, -46.6678



58.4400, 25.9121, -51.2519

Sweetspot

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



61.1710, 4.3527, 50.7160



133.2890, 1.8295, 19.9175



54.7970, 31.6521, 21.2260



65.4190, 1.2724, 11.9105



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



61.1710, 4.3527, 50.7160



64.9280, 6.4445, 79.8701



58.9590, -14.2768, 52.6560



55.0220, -0.0108, 3.4887



42.7480, 6.0402, 69.5040



87.5180, 12.0696, 142.4967

Inverse Universe

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



61.1710, 4.3527, 50.7160



64.9280, 6.4445, 79.8701



90.0410, 14.2768, -52.6560



55.0220, -0.0108, 3.4887



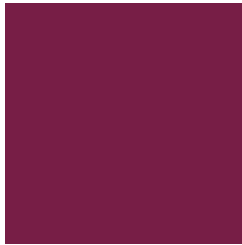
42.7480, 6.0402, 69.5040



87.5180, 12.0696, 142.4967

Previews

White Background



This preview shows how the YUV color 61.1710, 4.3527, 50.7160 looks on a white background.

Color Contrast Check

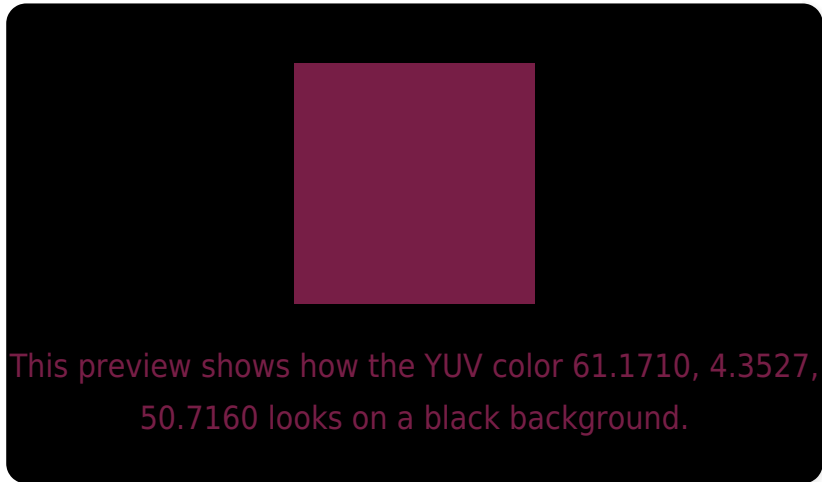
Large Text (above 18pt) WCAG AA ✓ Pass

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

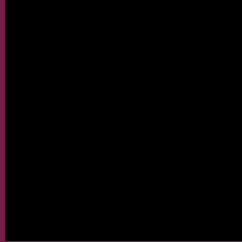
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.1710, 4.3527, 50.7160

Background



This preview shows how black text looks on a background with the YUV color 61.1710, 4.3527, 50.7160.



This preview shows how white text looks on a background with the YUV color 61.1710, 4.3527,

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

61.1710, 4.3527, 50.7160

Protanopia

66.8710, 12.3886, -6.9029

Deuteranopia

66.9190, -0.4531, 5.3330



Tritanopia

61.8490, -10.7716, 48.3674

Trichromacy



Original Color

61.1710, 4.3527, 50.7160

Protanomaly

64.9060, 9.4133, 14.1144

Deuteranomaly

65.0720, 0.9505, 21.8619

Tritanomaly

61.6410, -5.2460, 49.4268

Monochromacy



Original Color

61.1710, 4.3527, 50.7160

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1640, 1.3981, 18.2732

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.1710, 4.3527, 50.7160 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(119, 30, 70)` looks like.

```
.text, #text, p{  
    color:rgb(119, 30, 70)  
}
```

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(119, 30, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 30, 70) }
```

Border

The CSS property to change the border of an element to YUV 61.1710, 4.3527, 50.7160 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(119, 30, 70) }
```


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

```
.border{ border-color:rgb(119, 30, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 30, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 30, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 30, 70);  
box-shadow:4px 4px 4px 4px rgb(119, 30,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 61.1710, 4.3527, 50.7160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 30, 70) }
```

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

```
.background{ background-color: rgb(119, 30,  
70) }
```

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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