

Converting Colors

YUV(47.8410, -18.6556,
57.1444)

Have a look what the booklet for
YUV(47.8410, -18.6556, 57.1444)
contains.

YUV(47.8410, -18.6556, 57.1444)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(47.8410, -18.6556,
57.1444)**

Conversions

Conversions Part 1

Format	Color
Hex	71160A
RGB	113, 22, 10
RGB Percent	44%, 9%, 4%
CMY	0.5569, 0.9137, 0.9608
CMYK	0.00, 0.81, 0.91, 0.56
HSL	7°, 84%, 24%
HSV	7°, 91%, 44%
XYZ	7.1517, 4.1064, 0.7028
YIQ	47.8410, 58.0880, 15.5600

Conversions

Conversions Part 2

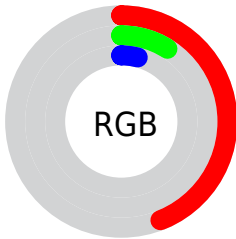
Format	Color
R_{YB}	113, 24, 10
Decimal	7411210
CIE Lab	24.02, 38.59, 31.36
CIE LCh	24, 49.723, 39.103
Yxy	4.1064, 0.5979, 0.3433
Android (android.graphics.Color)	4285601290 (0xFF71160A)
YUV	47.8410, -18.6556, 57.1444
Hunter-Lab	20.2644, 27.5340, 12.1287

Details

The YUV color **47.8410, -18.6556, 57.1444** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **75.1590, 18.6556, -57.1444**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.7230, -23.0344, 61.6329**, and **17.0430, -8.4022, 35.0423** is the 20% darker color. If you saturate the color by 10%, you get **41.4180, -20.4191, 62.7774**, and if you desaturate by 10%, it is **54.9650, -16.7447, 50.8967**.

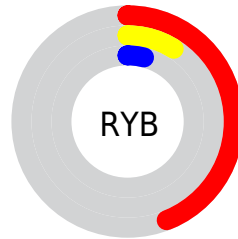
Distribution



Red (44%)

Green (9%)

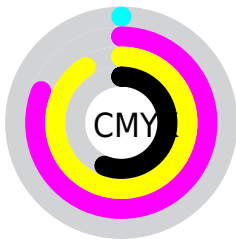
Blue (4%)



Red (44%)

Yellow (9%)

Blue (4%)

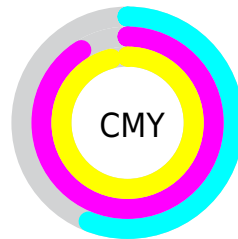


Cyan (0%)

Magenta (81%)

Yellow (91%)

Black (56%)



Cyan (56%)


Magenta (91%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 47.8410, -18.6556, 57.1444 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 47.8410, -18.6556, 57.1444 by changing the saturation by 10% instead.


 47.8410, -18.6556,
57.1444

 47.8410, -18.6556,
57.1444


 252.8340, -8.2992,
1.8996

 25.4150, -12.5296,
52.2560


 100.7230,
-23.0344, 61.6329

 17.0430, -8.4022,
35.0423


 126.9900,
-24.6451, 64.9068

 7.8880, -3.3958,
15.8842

 154.5450,
-26.3977, 67.0510

 0.0000, 0.0000,
0.0000

 179.9470,
-26.1029, 65.8215

 199.3470,
-22.8491, 48.8077

 218.8610,

-19.1585, 31.6939

■ 238.3750,
-15.4679, 14.5801

■ 47.8410, -18.6556,
57.1444

■ 47.8410, -18.6556,
57.1444

■ 41.4180, -20.4191,
62.7774

■ 54.9650, -16.7447,
50.8967

■ 62.2030, -14.3971,
44.5490

■ 69.3270, -12.4862,
38.3012

■ 76.4510, -10.5753,
32.0535

■ 83.5750, -8.6645,
25.8057

■ 90.8130, -6.3168,
19.4580

■ 97.9370, -4.4059,
13.2103

■ 105.0610, -2.4951,
6.9625

■ 112.2990, -0.1474,
0.6148

Harmonies

Analogous

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



41.3520, 3.2775, 68.9743



47.8410, -18.6556, 57.1444



53.9230, -26.5840, 33.3935

Triad

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



47.8410, -18.6556, 57.1444



44.8690, -8.3164, -39.3501



49.6810, 40.5833, -43.5702

Complementary

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



47.8410, -18.6556, 57.1444



75.1590, 18.6556, -57.1444

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.



54.5080, 36.2316, -47.8035



47.8410, -18.6556, 57.1444



50.6030, 8.5767, -44.3788

Square

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



47.8410, -18.6556, 57.1444



44.1130, -21.7477, -24.6551



54.1200, 24.5908, -47.4632



57.6340, 28.7744, 10.8450

Rectangle

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



47.8410, -18.6556, 57.1444



53.8130, -26.5298, 15.9500



54.1200, 24.5908, -47.4632



52.1430, 39.8625, -45.7294

Sweetspot

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



47.8410, -18.6556, 57.1444



122.8950, -7.3432, 22.0171



51.3990, 25.4393, 54.0241



58.9370, -4.4059, 13.2103



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.



47.8410, -18.6556, 57.1444



54.2310, -26.7359, 82.2354



77.1910, -33.1252, 31.4045



52.3810, -1.1738, 3.1739



44.0980, -21.7403, 66.5661



90.8760, -44.8019, 136.9207

Inverse Universe

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



75.1590, 18.6556, -57.1444



93.7690, 26.7359, -82.2354



45.8090, 33.1252, -31.4045



53.6190, 1.1738, -3.1739



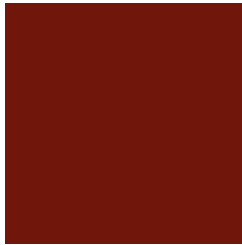
75.9020, 21.7403, -66.5661



156.7110, 44.5125, -137.4355

Previews

White Background



This preview shows how the YUV color 47.8410, -18.6556, 57.1444 looks on a white background.

Color Contrast Check

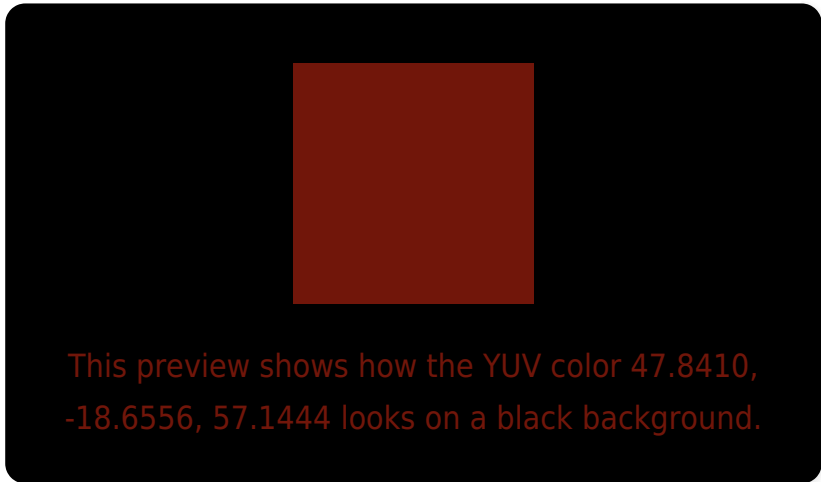
Large Text (above 18pt) WCAG AA ✓ Pass

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

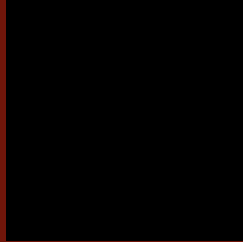
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.8410, -18.6556, 57.1444

Background



This preview shows how black text looks on a background with the YUV color 47.8410, -18.6556, 57.1444.



This preview shows how white text looks on a background with the YUV color 47.8410, -18.6556,

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

47.8410, -18.6556, 57.1444

Protanopia

56.5330, -18.5038, 8.3026

Deuteranopia

55.2970, -27.2614, 17.2795



Tritanopia

48.5080, -13.5614, 56.5595

Trichromacy



Original Color

47.8410, -18.6556, 57.1444

Protanomaly

53.6430, -18.5580, 25.7461

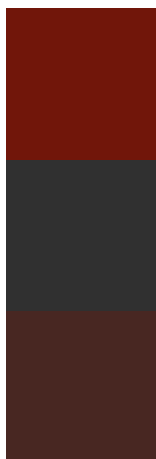
Deuteranomaly

52.8950, -24.1052, 31.6641

Tritanomaly

48.0520, -15.3086, 56.9594

Monochromacy



Original Color

47.8410, -18.6556, 57.1444

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2970, -7.0484, 20.7875

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.8410, -18.6556, 57.1444 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, 22, 10)` looks like.

```
.text, #text, p{  
    color:rgb(113, 22, 10)  
}
```

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, 22, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 22, 10) }
```

Border

The CSS property to change the border of an element to YUV 47.8410, -18.6556, 57.1444 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, 22, 10) }
```


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

```
.border{ border-color:rgb(113, 22, 10) }
```

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

Here you see how a box with a 4 pixel rgb(113, 22, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 22, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 22, 10);  
box-shadow:4px 4px 4px 4px rgb(113, 22,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 47.8410, -18.6556, 57.1444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 22, 10) }
```

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

```
.background{ background-color: rgb(113, 22,  
10) }
```

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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