

Converting Colors

YUV(46.1160, -12.3822,
51.6413)

Have a look what the booklet for
YUV(46.1160, -12.3822, 51.6413)
contains.

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Color

**YUV(46.1160, -12.3822,
51.6413)**

Conversions

Conversions Part 1

Format	Color
Hex	691515
RGB	105, 21, 21
RGB Percent	41%, 8%, 8%
CMY	0.5882, 0.9176, 0.9176
CMYK	0.00, 0.80, 0.80, 0.59
HSL	0°, 67%, 25%
HSV	0°, 80%, 41%
XYZ	6.2292, 3.5937, 1.0748
YIQ	46.1160, 50.0640, 17.8080

Conversions

Conversions Part 2

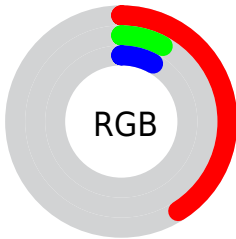
Format	Color
RYB	105, 21, 21
Decimal	6886677
CIELab	22.28, 36.59, 23.10
CIELCh	22, 43.270, 32.262
Yxy	3.5937, 0.5716, 0.3298
Android (android.graphics.Color)	4285076757 (0xFF691515)
YUV	46.1160, -12.3822, 51.6413
Hunter-Lab	18.9571, 25.4792, 9.9084

Details

The YUV color **46.1160, -12.3822, 51.6413** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **79.8840, 12.3822, -51.6413**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.9980, -16.7610, 56.1298**, and **15.5480, -7.6652, 31.9684** is the 20% darker color. If you saturate the color by 10%, you get **38.4050, -14.0037, 58.4038**, and if you desaturate by 10%, it is **53.8270, -10.7607, 44.8787**.

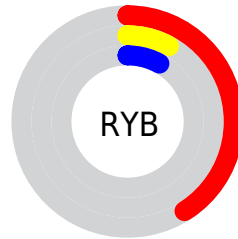
Distribution



Red (41%)

Green (8%)

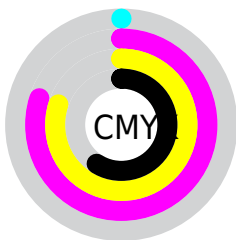
Blue (8%)



Red (41%)

Yellow (8%)

Blue (8%)

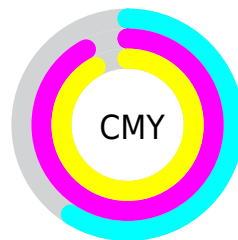


Cyan (0%)

Magenta (80%)

Yellow (80%)

Black (59%)



Cyan (59%)

Magenta (92%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.1160, -12.3822, 51.6413 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 46.1160, -12.3822, 51.6413 by changing the saturation by 10% instead.

46.1160, -12.3822,
51.6413

46.1160, -12.3822,
51.6413

254.0880, -3.4944,
0.7998

23.3220, -11.4977,
47.9526

97.9980, -16.7610,
56.1298

15.5480, -7.6652,
31.9684

123.9660,
-18.2242, 58.7888

2.6910, -1.3267,
5.5330

151.0480,
-19.2507, 61.3479


0.0000, 0.0000,
0.0000


178.7170,
-20.5665, 63.3922


198.7260,
-17.6129, 49.3523


218.2400,


-13.9223, 32.2385


 238.4550,
-10.0843, 14.5100


 46.1160, -12.3822,
51.6413


 46.1160, -12.3822,
51.6413


 38.4050, -14.0037,
58.4038


 53.8270, -10.7607,
44.8787

 31.3950, -15.4777,
64.5516

 60.8370, -9.2866,
38.7310

 68.5480, -7.6652,
31.9684

 75.5580, -6.1911,
25.8206

 83.2690, -4.5696,
19.0581

■ 90.2790, -3.0955,
12.9103

■ 97.9900, -1.4741,
6.1478

■ 105.0000, 0.0000,
0.0000

■ 112.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



42.9160, 4.4784, 57.0787



46.1160, -12.3822, 51.6413



49.8030, -24.5529, 35.2528

Triad

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



46.1160, -12.3822, 51.6413



40.5490, -9.6377, -35.5615



46.9110, 35.0469, -41.1409

Complementary

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



46.1160, -12.3822, 51.6413



79.8840, 12.3822, -51.6413

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.



50.1080, 29.5268, -43.9447



46.1160, -12.3822, 51.6413



45.5990, 4.6347, -39.9903

Square

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



46.1160, -12.3822, 51.6413



45.3750, -22.3699, -11.7299



49.2470, 18.6122, -43.1896



53.4000, 26.9178, -0.3508

Rectangle

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



46.1160, -12.3822, 51.6413



50.8890, -25.0883, 20.2683



49.2470, 18.6122, -43.1896



48.6720, 34.1787, -42.6853

Sweetspot

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



46.1160, -12.3822, 51.6413



114.8670, -4.8644, 20.2876



55.6920, 24.3088, 43.2431



54.9800, -2.9481, 12.2955



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



46.1160, -12.3822, 51.6413



45.4680, -19.4577, 81.1506



70.7700, -24.5366, 30.0197



49.7940, -0.8844, 3.6887



34.9830, -17.2466, 71.9289



73.2550, -36.1147, 150.6204

Inverse Universe

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



79.8840, 12.3822, -51.6413



98.5320, 19.4577, -81.1506



55.2300, 24.5366, -30.0197



52.2060, 0.8844, -3.6887



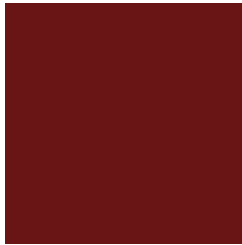
82.0170, 17.2466, -71.9289



171.7450, 36.1147, -150.6204

Previews

White Background



This preview shows how the YUV color 46.1160, -12.3822, 51.6413 looks on a white background.

Color Contrast Check

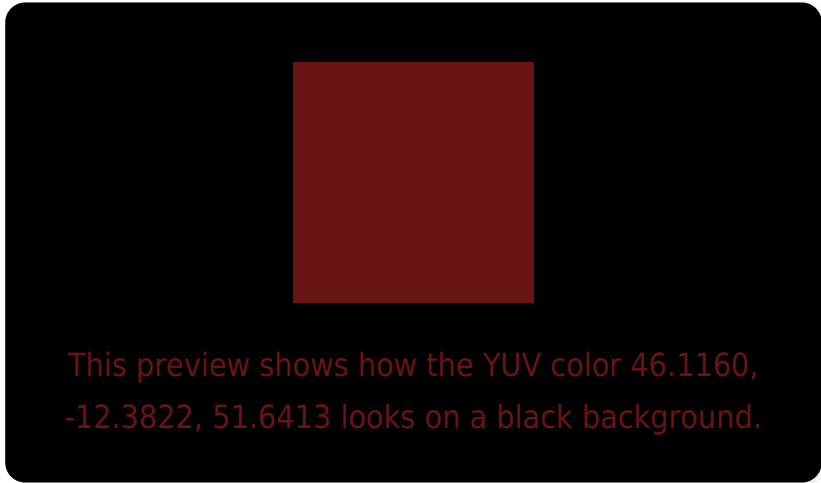
Large Text (above 18pt) WCAG AA ✓ Pass

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

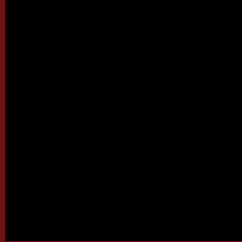
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.1160, -12.3822, 51.6413

Background



This preview shows how black text looks on a background with the YUV color 46.1160, -12.3822, 51.6413.

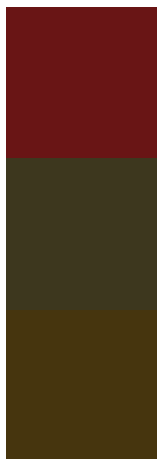


This preview shows how white text looks on a background with the YUV color 46.1160, -12.3822,

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

46.1160, -12.3822, 51.6413

Protanopia

53.9440, -11.8044, 6.1881

Deuteranopia

53.6370, -19.5410, 14.3504



Tritanopia

46.1160, -12.3822, 51.6413

Trichromacy



Original Color

46.1160, -12.3822, 51.6413

Protanomaly

51.3420, -12.0006, 22.5021

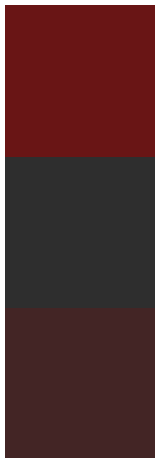
Deuteranomaly

50.8220, -16.6742, 28.2201

Tritanomaly

46.1160, -12.3822, 51.6413

Monochromacy



Original Color

46.1160, -12.3822, 51.6413

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.9700, -4.4222, 18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.1160, -12.3822, 51.6413 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(105, 21, 21)` looks like.

```
.text, #text, p{  
    color:rgb(105, 21, 21)  
}
```

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(105, 21, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 21, 21) }
```

Border

The CSS property to change the border of an element to YUV 46.1160, -12.3822, 51.6413 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(105, 21, 21) }
```


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

```
.border{ border-color:rgb(105, 21, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 21, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 21, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 21, 21);  
box-shadow:4px 4px 4px 4px rgb(105, 21,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 46.1160, -12.3822, 51.6413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 21, 21) }
```

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

```
.background{ background-color: rgb(105, 21,  
21) }
```

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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