

Converting Colors

YUV(60.3880, -14.9813,
45.2637)

Have a look what the booklet for
YUV(60.3880, -14.9813, 45.2637)
contains.

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Color

**YUV(60.3880, -14.9813,
45.2637)**

Conversions

Conversions Part 1

Format	Color
Hex	70281E
RGB	112, 40, 30
RGB Percent	44%, 16%, 12%
CMY	0.5608, 0.8431, 0.8824
CMYK	0.00, 0.64, 0.73, 0.56
HSL	7°, 58%, 28%
HSV	7°, 73%, 44%
XYZ	7.6752, 5.0561, 1.7997
YIQ	60.3880, 46.1220, 12.1540

Conversions

Conversions Part 2

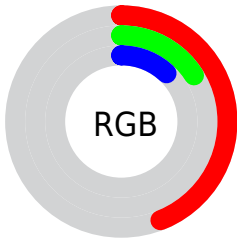
Format	Color
R_{YB}	112, 41, 30
Decimal	7350302
CIE _{Lab}	26.89, 31.23, 23.01
CIE _{LCh}	27, 38.790, 36.382
Yxy	5.0561, 0.5282, 0.3480
Android (android.graphics.Color)	4285540382 (0xFF70281E)
YUV	60.3880, -14.9813, 45.2637
Hunter-Lab	22.4857, 21.5789, 10.9946

Details

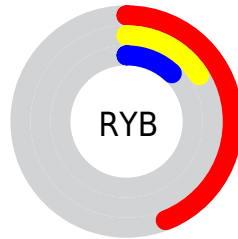
The YUV color **60.3880, -14.9813, 45.2637** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **81.6120, 14.9813, -45.2637**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.9110, -18.1971, 50.0671**, and **17.3420, -8.5496, 35.6571** is the 20% darker color. If you saturate the color by 10%, you get **53.2640, -16.8922, 51.5115**, and if you desaturate by 10%, it is **67.5120, -13.0704, 39.0160**.

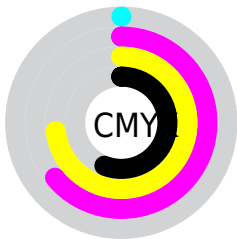
Distribution



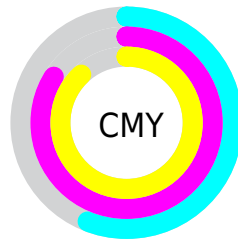
- Red (44%)
- Green (16%)
- Blue (12%)



- Red (44%)
- Yellow (16%)
- Blue (12%)



- Cyan (0%)
- Magenta (64%)
- Yellow (73%)
- Black (56%)



- Cyan (56%)
- Magenta (84%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.3880, -14.9813, 45.2637 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 60.3880, -14.9813, 45.2637 by changing the saturation by 10% instead.

■ 60.3880, -14.9813,
45.2637

■ 60.3880, -14.9813,
45.2637

■ 255.0000, 0.0000,
0.0000

■ 35.0180, -13.8129,
43.8342

■ 110.9110,
-18.1971, 50.0671

■ 17.3420, -8.5496,
35.6571

■ 136.9930,
-19.2235, 52.6261

■ 9.6820, -4.2802,
19.5729

■ 164.0750,
-20.2500, 55.1852

■ 0.0000, 0.0000,
0.0000

■ 191.2600,
-20.8342, 55.9000

■ 210.1870,
-16.8542, 39.3010

■ 230.2880,

-13.4530, 21.6724

■ 249.9160, -9.3256,
4.4587

■ 60.3880, -14.9813,
45.2637

■ 60.3880, -14.9813,
45.2637

■ 53.2640, -16.8922,
51.5115

■ 67.5120, -13.0704,
39.0160

■ 46.1400, -18.8030,
57.7592

■ 74.6360, -11.1595,
32.7682

■ 41.7060, -20.5611,
61.6478

■ 81.8740, -8.8119,
26.4205

■ 88.4110, -6.6116,
20.6876

■ 95.5350, -4.7008,
14.4398

■ 102.6590, -2.7899,
8.1921

■ 109.7830, -0.8790,
1.9443

■ 117.0210, 1.4686,
-4.4034

■ 124.1450, 3.3795,
-10.6512

Harmonies

Analogous

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



60.0800, -1.0254, 49.0418



60.3880, -14.9813, 45.2637



60.2710, -27.7416, 31.3343

Triad

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



60.3880, -14.9813, 45.2637



48.9440, -5.3954, -42.9239



52.1770, 34.9157, -45.7592

Complementary

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



60.3880, -14.9813, 45.2637



81.6120, 14.9813, -45.2637

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.



56.3030, 30.4166, -49.3777



60.3880, -14.9813, 45.2637



53.0650, 7.8560, -46.5380

Square

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



60.3880, -14.9813, 45.2637



55.2500, -22.8012, -13.3742



56.3710, 20.5231, -49.4374



65.4070, 22.9703, 5.7821

Rectangle

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



60.3880, -14.9813, 45.2637



60.0260, -29.5928, 18.3942



56.3710, 20.5231, -49.4374



53.9380, 34.0476, -47.3036

Sweetspot

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



60.3880, -14.9813, 45.2637



124.9160, -5.8746, 17.6137



62.7260, 19.3621, 43.2133



61.8550, -3.3795, 10.6512



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.



60.3880, -14.9813, 45.2637



64.6640, -23.4984, 70.4547



84.4550, -26.8463, 24.1570



52.3810, -1.1738, 3.1739



44.6850, -22.0297, 66.0513



91.4630, -45.0913, 136.4059

Inverse Universe

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



81.6120, 14.9813, -45.2637



97.9230, 23.2090, -70.9695



57.5450, 26.8463, -24.1570



53.6190, 1.1738, -3.1739



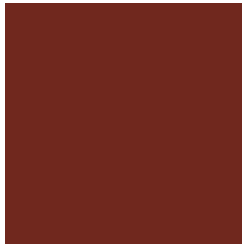
75.3150, 22.0297, -66.0513



155.5370, 45.0913, -136.4059

Previews

White Background



This preview shows how the YUV color 60.3880, -14.9813, 45.2637 looks on a white background.

Color Contrast Check

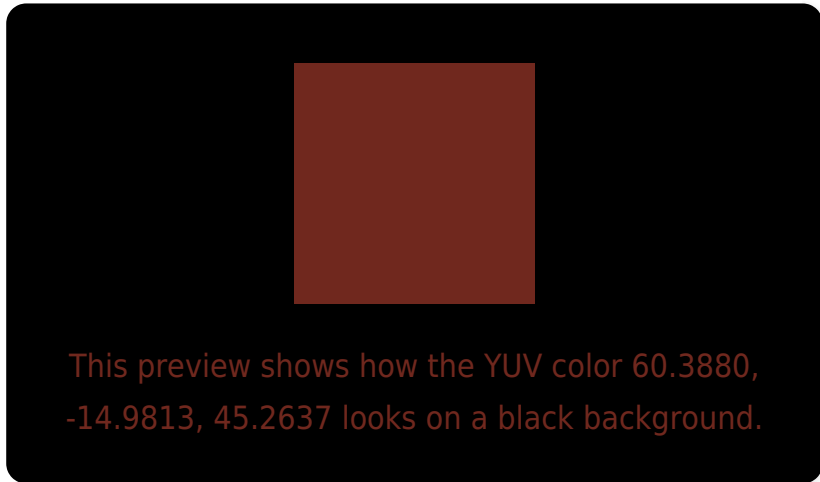
Large Text (above 18pt) WCAG AA ✓ Pass

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

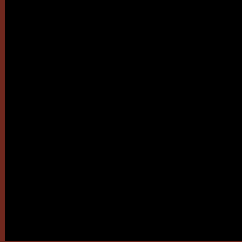
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.3880, -14.9813, 45.2637

Background



This preview shows how black text looks on a background with the YUV color 60.3880, -14.9813, 45.2637.

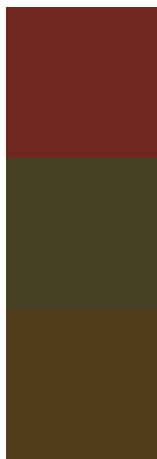


This preview shows how white text looks on a background with the YUV color 60.3880, -14.9813,

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

60.3880, -14.9813, 45.2637

Protanopia

63.7160, -12.6780, 6.3881

Deuteranopia

63.4630, -18.9623, 15.3799



Tritanopia

61.0550, -9.8871, 44.6788

Trichromacy



Original Color

60.3880, -14.9813, 45.2637

Protanomaly

62.5760, -13.5950, 20.5428

Deuteranomaly

62.2840, -17.3950, 26.0609

Tritanomaly

60.5990, -11.6343, 45.0787

Monochromacy



Original Color

60.3880, -14.9813, 45.2637

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.3180, -5.5798, 16.3841

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.3880, -14.9813, 45.2637 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(112, 40, 30)` looks like.

```
.text, #text, p{  
    color:rgb(112, 40, 30)  
}
```

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(112, 40, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 40, 30) }
```

Border

The CSS property to change the border of an element to YUV 60.3880, -14.9813, 45.2637 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(112, 40, 30) }
```


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

```
.border{ border-color:rgb(112, 40, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 40, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 40, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 40, 30);  
box-shadow:4px 4px 4px 4px rgb(112, 40,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 60.3880, -14.9813, 45.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 40, 30) }
```

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

```
.background{ background-color: rgb(112, 40,  
30) }
```

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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