

Converting Colors

YUV(52.9860, -15.2761,
46.4933)

Have a look what the booklet for
YUV(52.9860, -15.2761, 46.4933)
contains.

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Color

**YUV(52.9860, -15.2761,
46.4933)**

Conversions

Conversions Part 1

Format	Color
Hex	6A2016
RGB	106, 32, 22
RGB Percent	42%, 13%, 9%
CMY	0.5843, 0.8745, 0.9137
CMYK	0.00, 0.70, 0.79, 0.58
HSL	7°, 66%, 25%
HSV	7°, 79%, 42%
XYZ	6.6052, 4.1551, 1.2129
YIQ	52.9860, 47.3140, 12.5780

Conversions

Conversions Part 2

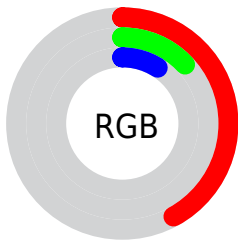
Format	Color
R_{YB}	106, 33, 22
Decimal	6955030
CIE Lab	24.18, 32.39, 24.60
CIE LCh	24, 40.673, 37.225
Yxy	4.1551, 0.5517, 0.3470
Android (android.graphics.Color)	4285145110 (0xFF6A2016)
YUV	52.9860, -15.2761, 46.4933
Hunter-Lab	20.3841, 22.1682, 10.7409

Details

The YUV color **52.9860, -15.2761, 46.4933** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **75.0140, 15.2761, -46.4933**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.6940, -19.0761, 52.0114**, and **15.5480, -7.6652, 31.9684** is the 20% darker color. If you saturate the color by 10%, you get **46.4490, -17.4764, 52.2262**, and if you desaturate by 10%, it is **59.5230, -13.0758, 40.7603**.

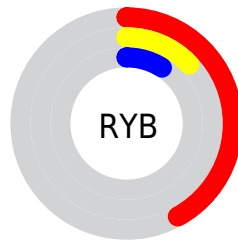
Distribution



Red (42%)

Green (13%)

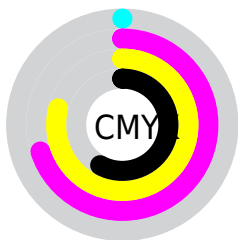
Blue (9%)



Red (42%)

Yellow (13%)

Blue (9%)

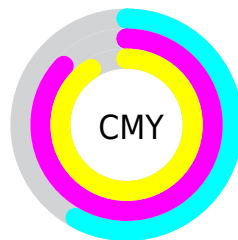


Cyan (0%)

Magenta (70%)

Yellow (79%)

Black (58%)



Cyan (58%)

Magenta (87%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.9860, -15.2761, 46.4933 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 52.9860, -15.2761, 46.4933 by changing the saturation by 10% instead.

■ 52.9860, -15.2761,
46.4933

■ 52.9860, -15.2761,
46.4933

■ 254.3160, -2.6208,
0.5999

■ 26.5560, -13.0921,
45.9934

■ 103.6940,
-19.0761, 52.0114

■ 15.5480, -7.6652,
31.9684

■ 129.7760,
-20.1026, 54.5704

■ 5.0830, -2.5059,
10.4512

■ 156.4450,
-21.4184, 56.6147

■ 0.0000, 0.0000,
0.0000

■ 183.6410,
-22.0080, 59.0738

■ 204.2370,
-19.3438, 44.5192

■ 223.8650,

-15.2164, 27.3054

■ 243.4930,
-11.0890, 10.0916

■ 52.9860, -15.2761,
46.4933

■ 52.9860, -15.2761,
46.4933

■ 46.4490, -17.4764,
52.2262

■ 59.5230, -13.0758,
40.7603

■ 39.4390, -18.9504,
58.3740

■ 66.5330, -11.6018,
34.6126

■ 39.3250, -19.3872,
58.4740

■ 73.0700, -9.4015,
28.8796

■ 79.4930, -7.6380,
23.2466

■ 86.6170, -5.7272,
16.9989

■ 93.1540, -3.5269,
11.2659

■ 99.5770, -1.7635,
5.6330

■ 106.7010, 0.1474,
-0.6148

■ 113.1240, 1.9109,
-6.2477

Harmonies

Analogous

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



51.3300, -0.1627, 52.3306



52.9860, -15.2761, 46.4933



54.2000, -26.7206, 30.5196

Triad

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



52.9860, -15.2761, 46.4933



44.7380, -6.2798, -39.2352



48.1990, 34.9049, -42.2705

Complementary

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



52.9860, -15.2761, 46.4933



75.0140, 15.2761, -46.4933

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.



52.3250, 30.4058, -45.8890



52.9860, -15.2761, 46.4933



48.9730, 7.4083, -42.9493

Square

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



52.9860, -15.2761, 46.4933



48.0110, -23.6694, -14.9186



51.8060, 20.8016, -45.4339



59.2330, 23.5491, 6.8117

Rectangle

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



52.9860, -15.2761, 46.4933



54.4110, -26.8246, 17.1796



51.8060, 20.8016, -45.4339



49.9600, 34.0367, -43.8149

Sweetspot

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



52.9860, -15.2761, 46.4933



117.2150, -6.0220, 18.2284



55.5520, 19.9409, 44.2429



56.1540, -3.5269, 11.2659



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.



52.9860, -15.2761, 46.4933



54.9740, -23.6512, 72.8138



77.6400, -27.4305, 24.8717



50.3810, -1.1738, 3.1739



43.2010, -21.2981, 64.7217



90.2780, -44.5071, 135.6912

Inverse Universe

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



75.0140, 15.2761, -46.4933



89.4390, 23.9406, -72.2990



50.3600, 27.4305, -24.8717



51.6190, 1.1738, -3.1739



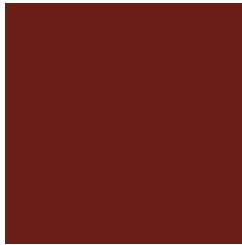
73.7990, 21.2981, -64.7217



154.7220, 44.5071, -135.6912

Previews

White Background



This preview shows how the YUV color 52.9860, -15.2761, 46.4933 looks on a white background.

Color Contrast Check

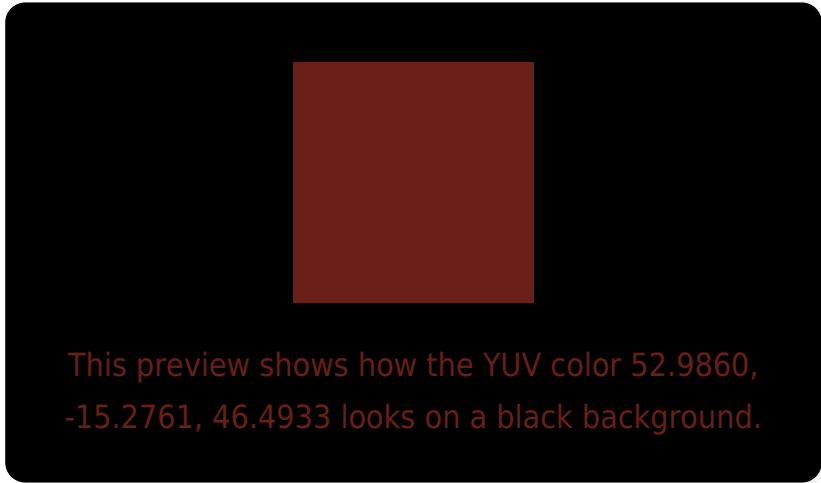
Large Text (above 18pt) WCAG AA ✓ Pass

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

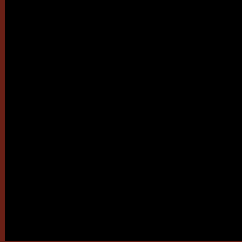
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.9860, -15.2761, 46.4933

Background



This preview shows how black text looks on a background with the YUV color 52.9860, -15.2761, 46.4933.

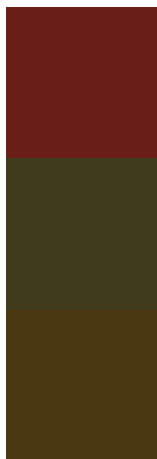


This preview shows how white text looks on a background with the YUV color 52.9860, -15.2761,

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

52.9860, -15.2761, 46.4933

Protanopia

57.4880, -13.5516, 6.5880

Deuteranopia

56.8220, -20.1252, 15.0651



Tritanopia

53.5390, -10.6187, 46.0083

Trichromacy



Original Color

52.9860, -15.2761, 46.4933

Protanomaly

55.7610, -14.1792, 21.2576

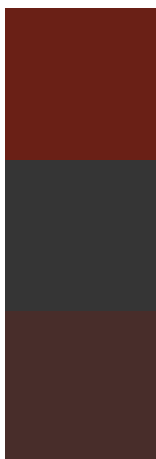
Deuteranomaly

55.3550, -18.4160, 26.8757

Tritanomaly

53.0830, -12.3659, 46.4082

Monochromacy



Original Color

52.9860, -15.2761, 46.4933

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.7310, -5.2904, 16.8989

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.9860, -15.2761, 46.4933 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(106, 32, 22)` looks like.

```
.text, #text, p{  
    color:rgb(106, 32, 22)  
}
```

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(106, 32, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 32, 22) }
```

Border

The CSS property to change the border of an element to YUV 52.9860, -15.2761, 46.4933 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(106, 32, 22) }
```


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

```
.border{ border-color:rgb(106, 32, 22) }
```

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

Here you see how a box with a 4 pixel rgb(106, 32, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 32, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 32, 22);  
box-shadow:4px 4px 4px 4px rgb(106, 32,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 52.9860, -15.2761, 46.4933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 32, 22) }
```

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

```
.background{ background-color: rgb(106, 32,  
22) }
```

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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