

Converting Colors

YUV(62.6550, -16.5919,
48.5376)

Have a look what the booklet for
YUV(62.6550, -16.5919, 48.5376)
contains.

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Color

**YUV(62.6550, -16.5919,
48.5376)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 76291D |
| RGB | 118, 41, 29 |
| RGB Percent | 46%, 16%, 11% |
| CMY | 0.5373, 0.8392, 0.8863 |
| CMYK | 0.00, 0.65, 0.75, 0.54 |
| HSL | 8°, 61%, 29% |
| HSV | 8°, 75%, 46% |
| XYZ | 8.4859, 5.5261, 1.7818 |
| YIQ | 62.6550, 49.7440, 12.5920 |

Conversions

Conversions Part 2

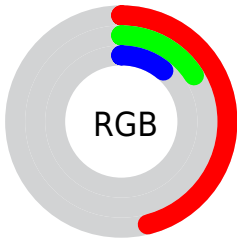
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 118, 43, 29 |
| Decimal | 7743773 |
| CIE _{Lab} | 28.18, 33.02, 25.40 |
| CIE _{LCh} | 28, 41.664, 37.569 |
| Yxy | 5.5261, 0.5373, 0.3499 |
| Android (android.graphics.Color) | 4285933853 (0xFF76291D) |
| YUV | 62.6550, -16.5919, 48.5376 |
| Hunter-Lab | 23.5077, 23.2972, 11.9615 |

Details

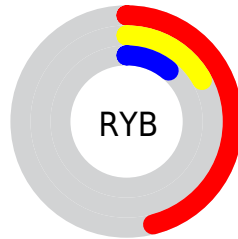
The YUV color **62.6550, -16.5919, 48.5376** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **84.3450, 16.5919, -48.5376**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.4770, -19.9552, 53.9557**, and **18.8370, -9.2866, 38.7310** is the 20% darker color. If you saturate the color by 10%, you get **55.4170, -18.9396, 54.8853**, and if you desaturate by 10%, it is **69.8930, -14.2442, 42.1898**.

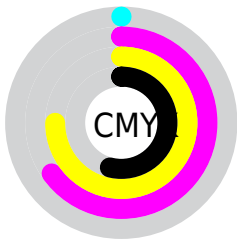
Distribution



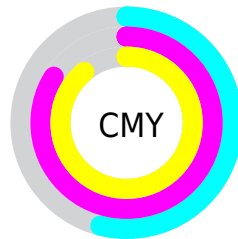
- Red (46%)
- Green (16%)
- Blue (11%)



- Red (46%)
- Yellow (17%)
- Blue (11%)



- Cyan (0%)
- Magenta (65%)
- Yellow (75%)
- Black (54%)



- Cyan (54%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.6550, -16.5919, 48.5376 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 62.6550, -16.5919, 48.5376 by changing the saturation by 10% instead.

■ 62.6550, -16.5919,
48.5376

■ 62.6550, -16.5919,
48.5376

255.0000, 0.0000,
0.0000

■ 36.2850, -15.4235,
47.1081

■ 113.4770,
-19.9552, 53.9557

■ 18.8370, -9.2866,
38.7310

■ 140.1460,
-21.2710, 56.0000

■ 11.7750, -5.3121,
23.8763

■ 167.2280,
-22.2974, 58.5590

■ 0.0000, 0.0000,
0.0000

■ 192.3200,
-21.8498, 54.9704

■ 211.2470,
-17.8698, 38.3714

■ 231.3480,

-14.4686, 20.7428

251.5630,
-10.6306, 3.0142

62.6550, -16.5919,
48.5376

62.6550, -16.5919,
48.5376

55.4170, -18.9396,
54.8853

69.8930, -14.2442,
42.1898

48.1790, -21.2872,
61.2330

77.1310, -11.8966,
35.8421

44.6740, -22.0243,
64.3069

84.8420, -10.2751,
29.0796

92.0800, -7.9274,
22.7318

99.3180, -5.5798,
16.3841

■ 106.5560, -3.2321,
10.0364

■ 113.7940, -0.8844,
3.6887

■ 121.5050, 0.7370,
-3.0739

■ 128.7430, 3.0847,
-9.4216

Harmonies

Analogous

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



61.8140, -0.8943, 53.6601



62.6550, -16.5919, 48.5376



62.7720, -30.9466, 32.6490

Triad

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



62.6550, -16.5919, 48.5376



51.0470, -4.9532, -44.7682



54.8500, 37.5419, -48.1034

Complementary

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



62.6550, -16.5919, 48.5376



84.3450, 16.5919, -48.5376

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.



58.9760, 33.0428, -51.7220



62.6550, -16.5919, 48.5376



55.9830, 8.8824, -49.0971

Square

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



62.6550, -16.5919, 48.5376



56.4840, -24.3956, -15.3335



58.9300, 22.7125, -51.6816



68.1730, 24.5647, 7.7413

Rectangle

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



62.6550, -16.5919, 48.5376



62.6840, -30.9032, 18.6941



58.9300, 22.7125, -51.6816



56.6110, 36.6738, -49.6478

Sweetspot

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



62.6550, -16.5919, 48.5376



131.4000, -6.6062, 18.9432



64.3890, 20.5142, 47.0168



63.3390, -4.1111, 11.9807



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



62.6550, -16.5919, 48.5376



66.7140, -25.9880, 75.6728



88.4830, -29.3251, 25.8864



55.3810, -1.1738, 3.1739



46.4570, -22.9033, 66.2512



94.7080, -46.6910, 136.1911

Inverse Universe

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



84.3450, 16.5919, -48.5376



100.2860, 25.9880, -75.6728



58.5170, 29.3251, -25.8864



56.6190, 1.1738, -3.1739



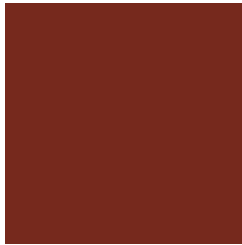
76.1300, 22.6139, -66.7660



155.2920, 46.6910, -136.1911

Previews

White Background



This preview shows how the YUV color 62.6550, -16.5919, 48.5376 looks on a white background.

Color Contrast Check

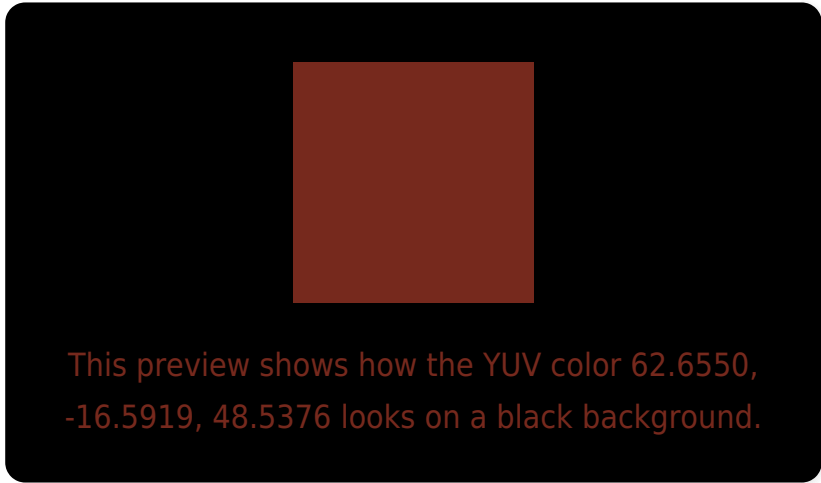
Large Text (above 18pt) WCAG AA ✓ Pass

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

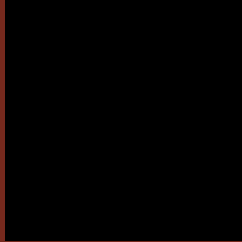
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.6550, -16.5919, 48.5376

Background



This preview shows how black text looks on a background with the YUV color 62.6550, -16.5919, 48.5376.



This preview shows how white text looks on a background with the YUV color 62.6550, -16.5919,

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

62.6550, -16.5919, 48.5376

Protanopia

66.2600, -14.4252, 6.7880

Deuteranopia

65.7190, -20.5675, 16.9094



Tritanopia

62.9630, -10.3348, 48.2674

Trichromacy



Original Color

62.6550, -16.5919, 48.5376

Protanomaly

64.8320, -15.2002, 22.0723

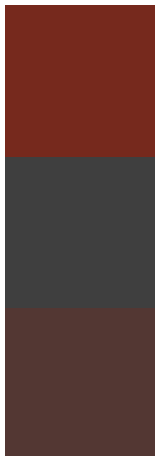
Deuteranomaly

64.8390, -19.1476, 28.2052

Tritanomaly

62.9800, -12.8081, 48.2525

Monochromacy



Original Color

62.6550, -16.5919, 48.5376

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9160, -5.8746, 17.6137

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.6550, -16.5919, 48.5376 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(118, 41, 29)` looks like.

```
.text, #text, p{  
    color:rgb(118, 41, 29)  
}
```

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(118, 41, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 41, 29) }
```

Border

The CSS property to change the border of an element to YUV 62.6550, -16.5919, 48.5376 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(118, 41, 29) }
```


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

```
.border{ border-color:rgb(118, 41, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 41, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 41, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 41, 29);  
box-shadow:4px 4px 4px 4px rgb(118, 41,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 62.6550, -16.5919, 48.5376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 41, 29) }
```

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

```
.background{ background-color: rgb(118, 41,  
29) }
```

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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