

Converting Colors

YUV(55.2790, -12.9555,
48.8673)

Have a look what the booklet for
YUV(55.2790, -12.9555, 48.8673)
contains.

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Color

**YUV(55.2790, -12.9555,
48.8673)**

Conversions

Conversions Part 1

Format	Color
Hex	6F201D
RGB	111, 32, 29
RGB Percent	44%, 13%, 11%
CMY	0.5647, 0.8745, 0.8863
CMYK	0.00, 0.71, 0.74, 0.56
HSL	2°, 59%, 27%
HSV	2°, 74%, 44%
XYZ	7.2938, 4.5012, 1.6468
YIQ	55.2790, 48.0470, 15.8150

Conversions

Conversions Part 2

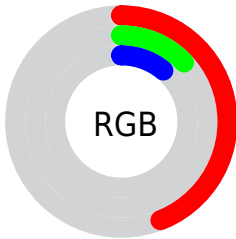
Format	Color
R_{YB}	111, 32, 29
Decimal	7282717
CIE Lab	25.26, 34.61, 21.68
CIE LCh	25, 40.846, 32.065
Yxy	4.5012, 0.5426, 0.3349
Android (android.graphics.Color)	4285472797 (0xFF6F201D)
YUV	55.2790, -12.9555, 48.8673
Hunter-Lab	21.2161, 24.2378, 10.2492

Details

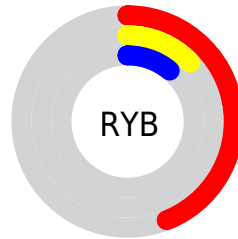
The YUV color **55.2790, -12.9555, 48.8673** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **84.7210, 12.9555, -48.8673**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.6880, -16.6082, 53.7706**, and **17.0430, -8.4022, 35.0423** is the 20% darker color. If you saturate the color by 10%, you get **47.5680, -14.5770, 55.6299**, and if you desaturate by 10%, it is **62.9900, -11.3341, 42.1048**.

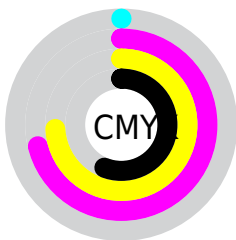
Distribution



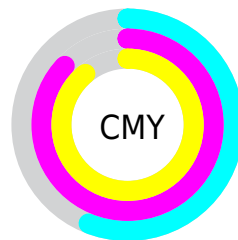
- Red (44%)
- Green (13%)
- Blue (11%)



- Red (44%)
- Yellow (13%)
- Blue (11%)



- Cyan (0%)
- Magenta (71%)
- Yellow (74%)
- Black (56%)



- Cyan (56%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2790, -12.9555, 48.8673 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 55.2790, -12.9555, 48.8673 by changing the saturation by 10% instead.

■ 55.2790, -12.9555,
48.8673

■ 55.2790, -12.9555,
48.8673

255.0000, 0.0000,
0.0000

■ 27.4470, -11.0664,
49.5970

■ 106.6880,
-16.6082, 53.7706

■ 17.0430, -8.4022,
35.0423

■ 132.7700,
-17.6346, 56.3297

■ 8.1870, -3.5432,
16.4990

■ 159.5530,
-18.5136, 58.2740

■ 0.0000, 0.0000,
0.0000

■ 186.9230,
-19.6820, 59.7035

■ 205.8500,
-15.7020, 43.1046

■ 225.3640,

-12.0115, 25.9908

245.5790, -8.1734,
8.2622

55.2790, -12.9555,
48.8673

55.2790, -12.9555,
48.8673

47.5680, -14.5770,
55.6299

62.9900, -11.3341,
42.1048

40.4440, -16.4879,
61.8776

70.1140, -9.4232,
35.8570

35.5370, -17.5197,
66.1811

77.8250, -7.8017,
29.0945

85.5360, -6.1802,
22.3319

92.7740, -3.8326,
15.9842

■ 100.4850, -2.2111,
9.2217

■ 108.1960, -0.5896,
2.4591

■ 115.9070, 1.0318,
-4.3034

■ 123.0310, 2.9427,
-10.5512

Harmonies

Analogous

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



54.6010, 2.1687, 51.2159



55.2790, -12.9555, 48.8673



56.2930, -27.7524, 34.8230

Triad

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



55.2790, -12.9555, 48.8673



45.5700, -8.1690, -39.9649



50.8890, 35.0577, -44.6297

Complementary

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



55.2790, -12.9555, 48.8673



84.7210, 12.9555, -48.8673

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.



54.2000, 29.9744, -47.5334



55.2790, -12.9555, 48.8673



50.3920, 5.2297, -44.1938

Square

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



55.2790, -12.9555, 48.8673



51.2890, -25.2855, -9.9005



53.3390, 19.0599, -46.7783



61.0580, 25.6074, -0.0509

Rectangle

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



55.2790, -12.9555, 48.8673



57.0910, -28.1459, 20.9682



53.3390, 19.0599, -46.7783



52.6500, 34.1895, -46.1741

Sweetspot

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



55.2790, -12.9555, 48.8673



123.7420, -5.2958, 18.6433



62.5240, 22.4197, 42.5135



60.6810, -2.8007, 11.6808



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.



55.2790, -12.9555, 48.8673



57.5060, -20.4625, 76.7322



79.3460, -24.8206, 27.7606



52.3810, -1.1738, 3.1739



38.2280, -18.8464, 71.7140



79.1360, -39.0140, 147.2167

Inverse Universe

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



84.7210, 12.9555, -48.8673



104.0810, 20.1731, -77.2470



60.6540, 24.8206, -27.7606



54.2060, 0.8844, -3.6887



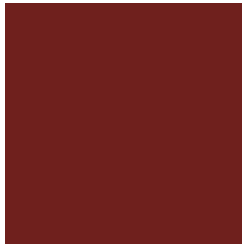
81.1850, 19.1358, -71.1992



167.8640, 39.0140, -147.2167

Previews

White Background



This preview shows how the YUV color 55.2790, -12.9555, 48.8673 looks on a white background.

Color Contrast Check

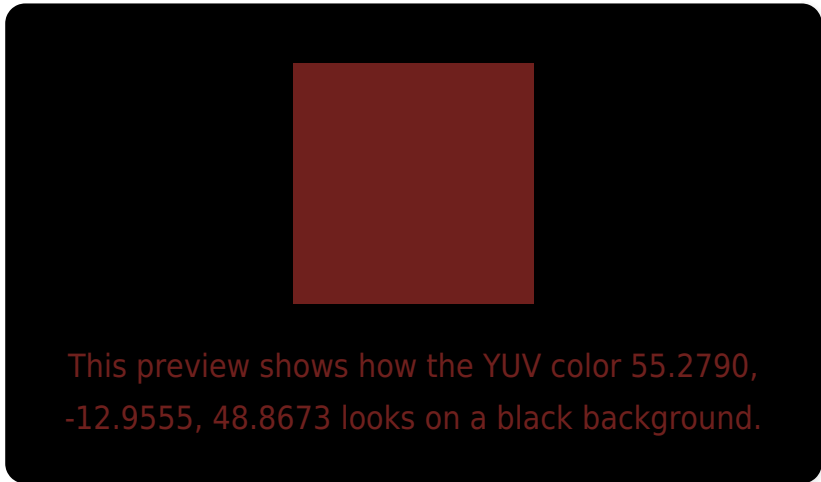
Large Text (above 18pt) WCAG AA ✓ Pass

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

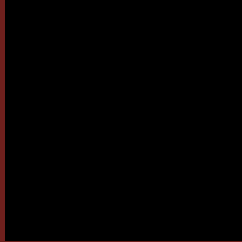
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.2790, -12.9555, 48.8673

Background



This preview shows how black text looks on a background with the YUV color 55.2790, -12.9555, 48.8673.

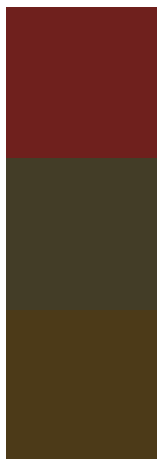


This preview shows how white text looks on a background with the YUV color 55.2790, -12.9555,

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

55.2790, -12.9555, 48.8673

Protanopia

60.2860, -10.4940, 5.8882

Deuteranopia

59.5060, -17.5045, 14.4652



Tritanopia

55.1480, -10.9190, 48.9822

Trichromacy



Original Color

55.2790, -12.9555, 48.8673

Protanomaly

58.1570, -11.4164, 21.7873

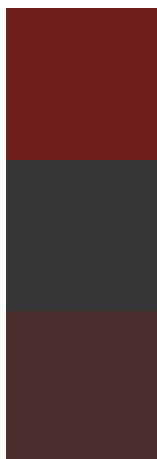
Deuteranomaly

58.3380, -15.9426, 26.8906

Tritanomaly

55.0340, -11.3558, 49.0822

Monochromacy



Original Color

55.2790, -12.9555, 48.8673

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2580, -4.5642, 17.3137

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2790, -12.9555, 48.8673 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(111, 32, 29)` looks like.

```
.text, #text, p{  
    color:rgb(111, 32, 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(111, 32, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 32, 29) }
```

Border

The CSS property to change the border of an element to YUV 55.2790, -12.9555, 48.8673 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(111, 32, 29) }
```


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

```
.border{ border-color:rgb(111, 32, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 32, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 32, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 32, 29);  
box-shadow:4px 4px 4px 4px rgb(111, 32,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 55.2790, -12.9555, 48.8673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 32, 29) }
```

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

```
.background{ background-color: rgb(111, 32,  
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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