

Converting Colors

YUV(66.4570, -29.8053,
39.9412)

Have a look what the booklet for
YUV(66.4570, -29.8053, 39.9412)
contains.

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Color

**YUV(66.4570, -29.8053,
39.9412)**

Conversions

Conversions Part 1

Format	Color
Hex	703706
RGB	112, 55, 6
RGB Percent	44%, 22%, 2%
CMY	0.5608, 0.7843, 0.9765
CMYK	0.00, 0.51, 0.95, 0.56
HSL	28°, 90%, 23%
HSV	28°, 95%, 44%
XYZ	8.0812, 6.1903, 0.9412
YIQ	66.4570, 49.7010, -3.1550

Conversions

Conversions Part 2

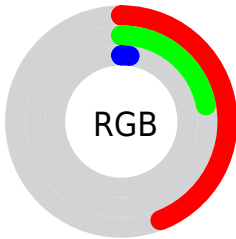
Format	Color
R_{YB}	112, 97, 6
Decimal	7354118
CIE Lab	29.89, 22.07, 38.07
CIE LCh	30, 44.003, 59.897
Yxy	6.1903, 0.5312, 0.4069
Android (android.graphics.Color)	4285544198 (0xFF703706)
YUV	66.4570, -29.8053, 39.9412
Hunter-Lab	24.8803, 14.4367, 15.1733

Details

The YUV color **66.4570, -29.8053, 39.9412** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **51.5430, 29.8053, -39.9412**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.1480, -31.1320, 45.4742**, and **23.7990, -11.7329, 29.9943** is the 20% darker color. If you saturate the color by 10%, you get **64.0120, -31.5579, 42.0855**, and if you desaturate by 10%, it is **71.2330, -26.7369, 35.7527**.

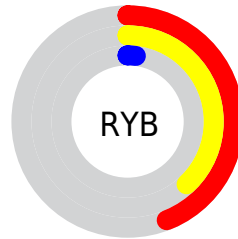
Distribution



Red (44%)

Green (22%)

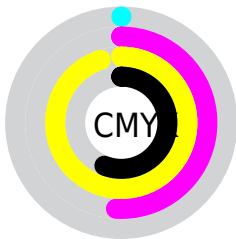
Blue (2%)



Red (44%)

Yellow (38%)

Blue (2%)

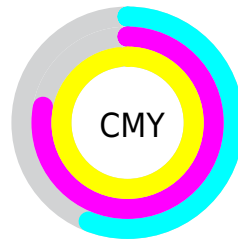


Cyan (0%)

Magenta (51%)

Yellow (95%)

Black (56%)



Cyan (56%)


Magenta (78%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 66.4570, -29.8053, 39.9412 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 66.4570, -29.8053, 39.9412 by changing the saturation by 10% instead.


 66.4570, -29.8053,
39.9412

 66.4570, -29.8053,
39.9412


 253.0620, -7.4256,
1.6996


 44.7860, -22.0795,
35.2677

 117.1480,
-31.1320, 45.4742

 23.7990, -11.7329,
29.9943


 143.2300,
-32.1584, 48.0333

 10.5790, -4.7224,
21.4172

 170.3120,
-33.1848, 50.5924

 0.0000, 0.0000,
0.0000

 197.0840,
-34.0584, 50.7923

 216.4840,
-30.8046, 33.7785

 236.1120,

-26.6772, 16.5648

■ 249.7560,
-20.0927, 4.5990

■ 66.4570, -29.8053,
39.9412

■ 66.4570, -29.8053,
39.9412

■ 64.0120, -31.5579,
42.0855

■ 71.2330, -26.7369,
35.7527

■ 76.0090, -23.6684,
31.5641

■ 80.8990, -20.1632,
27.2756

■ 85.6750, -17.0948,
23.0870

■ 90.4510, -14.0263,
18.8985

■ 95.2270, -10.9579,
14.7099

■ 100.0030, -7.8895,
10.5214

■ 104.8930, -4.3842,
6.2328

■ 109.6690, -1.3158,
2.0443

Harmonies

Analogous

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



65.6110, -13.1192, 54.7152



66.4570, -29.8053, 39.9412



66.2170, -32.6450, 17.3497

Triad

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



66.4570, -29.8053, 39.9412



58.3480, 5.2514, -51.1712



70.6600, 29.2546, -3.2098

Complementary

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



66.4570, -29.8053, 39.9412



51.5430, 29.8053, -39.9412

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.



59.8710, 39.0106, -52.5069



66.4570, -29.8053, 39.9412



62.3380, 20.5394, -54.6704

Square

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



66.4570, -29.8053, 39.9412



52.5970, -9.1683, -46.1276



62.8400, 32.6169, -55.1107



70.9870, 16.7684, 35.0914

Rectangle

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



66.4570, -29.8053, 39.9412



63.7480, -31.4278, 0.2210



62.8400, 32.6169, -55.1107



66.6900, 33.6768, -21.6531

Sweetspot

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



66.4570, -29.8053, 39.9412



127.5260, -11.1053, 15.3247



44.3060, 9.7091, 59.3676



62.9320, -6.8685, 9.7066



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.



66.4570, -29.8053, 39.9412



82.6840, -40.7632, 54.6511



96.9810, -44.8536, 13.1717



53.5550, -1.7526, 2.1443



68.1650, -33.6053, 45.4593



140.7710, -69.4001, 93.1628

Inverse Universe

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



51.5430, 29.8053, -39.9412



62.3160, 40.7632, -54.6511



21.0190, 44.8536, -13.1717



53.0320, 1.4632, -2.6591



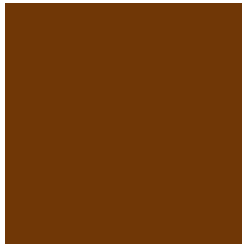
51.2480, 33.8947, -44.9445



106.2290, 69.4001, -93.1628

Previews

White Background



This preview shows how the YUV color 66.4570, -29.8053, 39.9412 looks on a white background.

Color Contrast Check

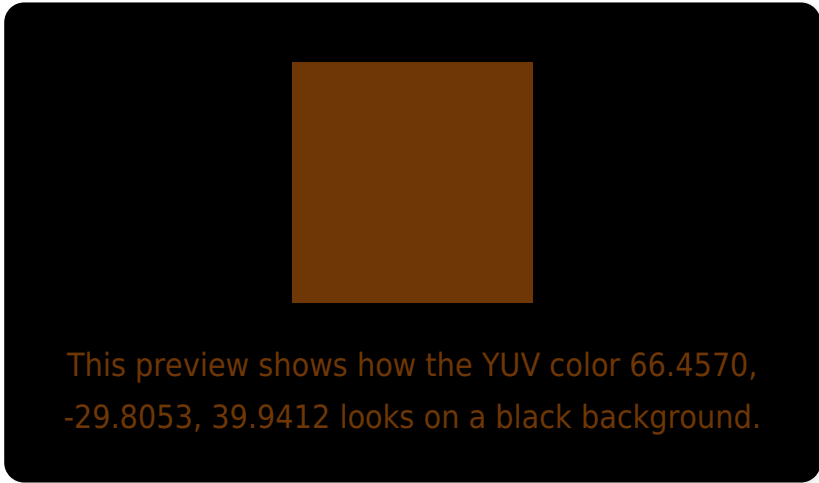
Large Text (above 18pt) WCAG AA ✓ Pass

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

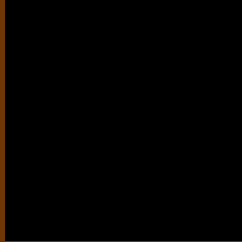
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.4570, -29.8053, 39.9412

Background



This preview shows how black text looks on a background with the YUV color 66.4570, -29.8053, 39.9412.



This preview shows how white text looks on a background with the YUV color 66.4570, -29.8053,

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

66.4570, -29.8053, 39.9412

Protanopia

66.9650, -27.0977, 11.4317

Deuteranopia

66.8260, -32.9452, 20.3236



Tritanopia

70.2930, -7.5394, 38.3310

Trichromacy



Original Color

66.4570, -29.8053, 39.9412

Protanomaly

66.8030, -28.0039, 22.0978

Deuteranomaly

66.5110, -31.8039, 27.6159

Tritanomaly

68.5290, -15.5438, 39.0011

Monochromacy



Original Color

66.4570, -29.8053, 39.9412

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.2270, -10.9579, 14.7099

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4570, -29.8053, 39.9412 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, 55, 6)` looks like.

```
.text, #text, p{  
    color:rgb(112, 55, 6)  
}
```

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, 55, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 55, 6) }
```

Border

The CSS property to change the border of an element to YUV 66.4570, -29.8053, 39.9412 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, 55, 6) }
```


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

```
.border{ border-color:rgb(112, 55, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 55, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 55, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 55, 6);  
box-shadow:4px 4px 4px 4px rgb(112, 55, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.4570, -29.8053, 39.9412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 55, 6) }
```

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

```
.background{ background-color: rgb(112, 55,  
6) }
```

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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