

Converting Colors

YUV(51.6630, -5.2569, 52.9155)

Have a look what the booklet for
YUV(51.6630, -5.2569, 52.9155)
contains.

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Color

**YUV(51.6630, -5.2569,
52.9155)**

Conversions

Conversions Part 1

Format	Color
Hex	701729
RGB	112, 23, 41
RGB Percent	44%, 9%, 16%
CMY	0.5608, 0.9098, 0.8392
CMYK	0.00, 0.79, 0.63, 0.56
HSL	348°, 66%, 26%
HSV	348°, 79%, 44%
XYZ	7.3887, 4.2176, 2.5225
YIQ	51.6630, 47.2660, 24.4660

Conversions

Conversions Part 2

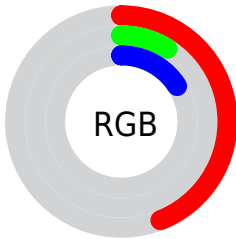
Format	Color
R_{YB}	112, 23, 41
Decimal	7345961
CIE Lab	24.38, 39.35, 12.60
CIE LCh	24, 41.318, 17.760
Yxy	4.2176, 0.5230, 0.2985
Android (android.graphics.Color)	4285536041 (0xFF701729)
YUV	51.6630, -5.2569, 52.9155
Hunter-Lab	20.5369, 28.2809, 7.0934

Details

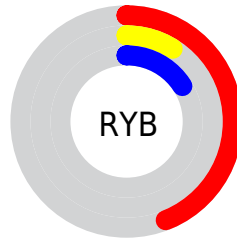
The YUV color **51.6630, -5.2569, 52.9155** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **83.3370, 5.2569, -52.9155**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.0610, -8.9041, 56.0745**, and **17.6410, -8.6970, 36.2718** is the 20% darker color. If you saturate the color by 10%, you get **44.1800, -6.0047, 59.4781**, and if you desaturate by 10%, it is **59.1460, -4.5090, 46.3530**.

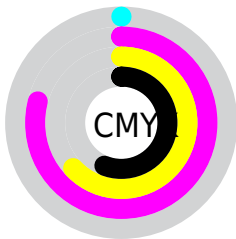
Distribution



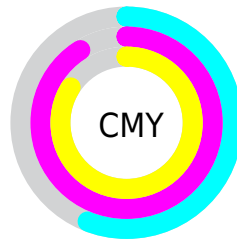
- Red (44%)
- Green (9%)
- Blue (16%)



- Red (44%)
- Yellow (9%)
- Blue (16%)



- Cyan (0%)
- Magenta (79%)
- Yellow (63%)
- Black (56%)



- Cyan (56%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.6630, -5.2569, 52.9155 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 51.6630, -5.2569, 52.9155 by changing the saturation by 10% instead.

■ 51.6630, -5.2569,
52.9155

■ 51.6630, -5.2569,
52.9155

255.0000, 0.0000,
0.0000

■ 27.8090, -3.3568,
50.1565

■ 104.0610, -8.9041,
56.0745

■ 17.6410, -8.6970,
36.2718

■ 130.7300,
-10.2199, 58.1188

■ 8.7850, -3.8380,
17.7286

■ 157.8120,
-11.2463, 60.6779

■ 0.0000, 0.0000,
0.0000

■ 185.1110,
-11.3937, 61.2927

■ 204.0380, -7.4137,
44.6937

■ 223.5520, -3.7231,

27.5799

243.8810, 0.5517,
9.7514

51.6630, -5.2569,
52.9155

51.6630, -5.2569,
52.9155

44.1800, -6.0047,
59.4781

59.1460, -4.5090,
46.3530

36.6970, -6.7526,
66.0407

66.6290, -3.7611,
39.7904

36.1100, -6.4632,
66.5555

74.6990, -3.3026,
32.7130

82.1820, -2.5547,
26.1504

89.6650, -1.8068,
19.5878

■ 97.1480, -1.0590,
13.0252

■ 104.6310, -0.3111,
6.4626

■ 112.5870, -0.2894,
-0.5148

■ 120.0700, 0.4585,
-7.0774

Harmonies

Analogous

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



53.9900, 8.8789, 45.6128



51.6630, -5.2569, 52.9155



53.4710, -20.9382, 42.5599

Triad

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



51.6630, -5.2569, 52.9155



44.0460, -16.7847, -29.8583



51.7210, 33.1685, -45.3593

Complementary

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



51.6630, -5.2569, 52.9155



83.3370, 5.2569, -52.9155

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.



52.9460, 25.1696, -46.4336



51.6630, -5.2569, 52.9155



46.6930, -1.3276, -40.9498

Square

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



51.6630, -5.2569, 52.9155



52.8390, -26.0496, 1.8952



50.9280, 12.3605, -44.6639



52.0160, 32.5301, -27.2010

Rectangle

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



51.6630, -5.2569, 52.9155



54.4990, -26.8680, 31.1344



50.9280, 12.3605, -44.6639



52.5530, 31.2794, -46.0890

Sweetspot

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



51.6630, -5.2569, 52.9155



121.3770, -1.6649, 20.7174



54.0760, 28.5565, 34.1363



59.7350, -1.3484, 12.5104



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.



51.6630, -5.2569, 52.9155



51.4540, -8.1118, 82.0398



64.2860, -20.3540, 41.8452



52.0220, -0.0108, 3.4887



38.6160, -7.2057, 71.3738



79.5530, -14.5696, 146.8510

Inverse Universe

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



51.6630, -5.2569, 52.9155



51.4540, -8.1118, 82.0398



70.7140, 20.3540, -41.8452



52.0220, -0.0108, 3.4887



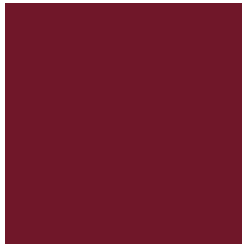
38.6160, -7.2057, 71.3738



79.5530, -14.5696, 146.8510

Previews

White Background



This preview shows how the YUV color 51.6630, -5.2569, 52.9155 looks on a white background.

Color Contrast Check

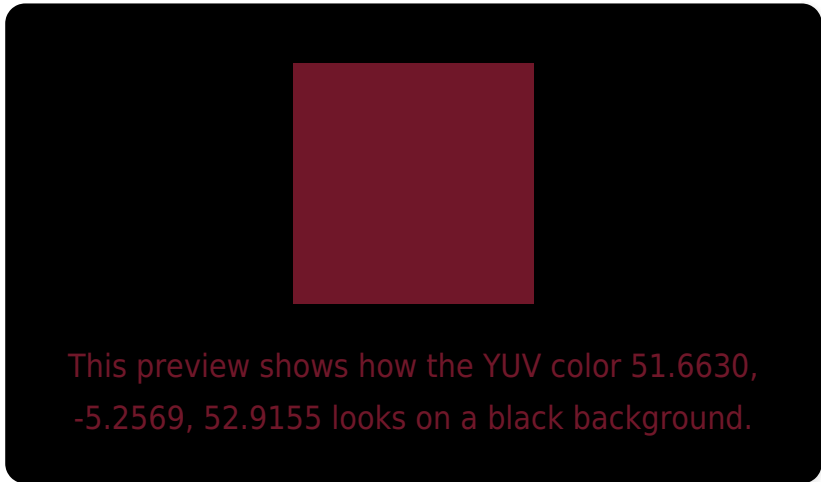
Large Text (above 18pt) WCAG AA ✓ Pass

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

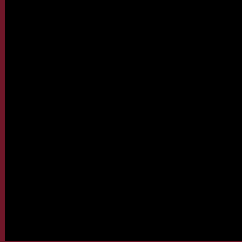
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.6630, -5.2569, 52.9155

Background



This preview shows how black text looks on a background with the YUV color 51.6630, -5.2569, 52.9155.



This preview shows how white text looks on a background with the YUV color 51.6630, -5.2569,

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

51.6630, -5.2569, 52.9155

Protanopia

60.1420, -2.0420, 1.6295

Deuteranopia

59.0910, -11.3839, 11.3212



Tritanopia

51.5290, -12.0928, 52.1561

Trichromacy



Original Color

51.6630, -5.2569, 52.9155

Protanomaly

57.3230, -3.1172, 19.8877

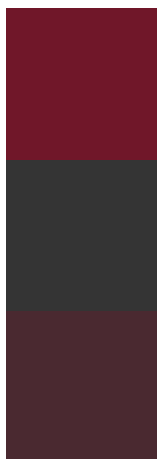
Deuteranomaly

56.7600, -9.2487, 26.5205

Tritanomaly

51.5120, -9.6194, 52.1710

Monochromacy



Original Color

51.6630, -5.2569, 52.9155

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.6650, -1.8068, 19.5878

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.6630, -5.2569, 52.9155 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, 23, 41)` looks like.

```
.text, #text, p{  
    color:rgb(112, 23, 41)  
}
```

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, 23, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 23, 41) }
```

Border

The CSS property to change the border of an element to YUV 51.6630, -5.2569, 52.9155 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, 23, 41) }
```


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

```
.border{ border-color:rgb(112, 23, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 23, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 23, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 23, 41);  
box-shadow:4px 4px 4px 4px rgb(112, 23,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 51.6630, -5.2569, 52.9155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 23, 41) }
```

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

```
.background{ background-color: rgb(112, 23,  
41) }
```

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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