

Converting Colors

YUV(51.0830, 28.0601, 53.4242)

Have a look what the booklet for
YUV(51.0830, 28.0601, 53.4242)
contains.

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Color

**YUV(51.0830, 28.0601,
53.4242)**

Conversions

Conversions Part 1

Format	Color
Hex	70096C
RGB	112, 9, 108
RGB Percent	44%, 4%, 42%
CMY	0.5608, 0.9647, 0.5765
CMYK	0.00, 0.92, 0.04, 0.56
HSL	302°, 85%, 24%
HSV	302°, 92%, 44%
XYZ	9.4866, 4.7228, 14.5990
YIQ	51.0830, 29.6090, 52.6250

Conversions

Conversions Part 2

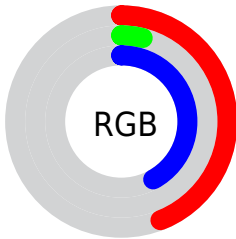
Format	Color
R_{YB}	112, 9, 108
Decimal	7342444
CIE _{Lab}	25.93, 51.20, -30.07
CIE _{LCh}	26, 59.377, 329.572
Yxy	4.7228, 0.3293, 0.1639
Android (android.graphics.Color)	4285532524 (0xFF70096C)
YUV	51.0830, 28.0601, 53.4242
Hunter-Lab	21.7321, 39.8883, -24.6168

Details

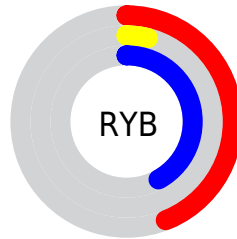
The YUV color **51.0830, 28.0601, 53.4242** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **69.9170, -28.0601, -53.4242**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.8500, 24.7240, 50.1206**, and **24.7800, 17.3635, 30.8879** is the 20% darker color. If you saturate the color by 10%, you get **45.8000, 30.6646, 58.0574**, and if you desaturate by 10%, it is **57.5400, 24.8768, 47.7614**.

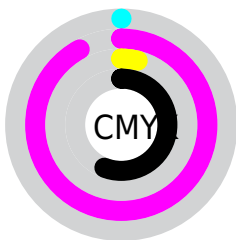
Distribution



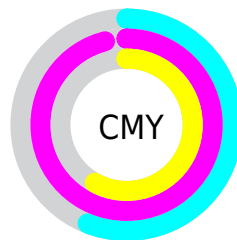
- Red (44%)
- Green (4%)
- Blue (42%)



- Red (44%)
- Yellow (4%)
- Blue (42%)



- Cyan (0%)
- Magenta (92%)
- Yellow (4%)
- Black (56%)



- Cyan (56%)
- Magenta (96%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.0830, 28.0601, 53.4242 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 51.0830, 28.0601, 53.4242 by changing the saturation by 10% instead.

■ 51.0830, 28.0601,
53.4242

■ 51.0830, 28.0601,
53.4242

■ 255.0000, 0.0000,
0.0000

■ 35.1760, 23.5772,
44.5726

■ 109.8500, 24.7240,
50.1206

■ 24.7800, 17.3635,
30.8879

■ 136.5620, 24.8659,
51.2501

■ 15.0960, 11.2917,
18.3328

■ 164.2740, 25.0079,
52.3797

■ 2.1830, 5.8258,
-1.9145


■ 192.3990, 25.4393,
54.0241


■ 0.0000, 0.0000,
0.0000


■ 210.3880, 21.9937,
39.1247

■ 227.4110, 13.6014,


24.1956


 244.4340, 5.2090,
9.2664


 51.0830, 28.0601,
53.4242


 51.0830, 28.0601,
53.4242


 45.8000, 30.6646,
58.0574

 57.5400, 24.8768,
47.7614

 64.1110, 22.1303,
41.9987

 71.1550, 18.6576,
35.8211

 77.7260, 15.9111,
30.0583

 84.1830, 12.7278,
24.3955

■ 90.7540, 9.9813,
18.6327

■ 97.2110, 6.7980,
12.9700

■ 104.2550, 3.3253,
6.7924

■ 110.8260, 0.5788,
1.0296

Harmonies

Analogous

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



58.2920, 40.7750, -11.6571



51.0830, 28.0601, 53.4242



47.6610, 8.0551, 76.5963

Triad

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



51.0830, 28.0601, 53.4242



58.2430, -28.7138, 16.4499



58.3430, 23.0019, -51.1668

Complementary

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



51.0830, 28.0601, 53.4242



69.9170, -28.0601, -53.4242

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.



53.2130, 3.3460, -46.6678



51.0830, 28.0601, 53.4242



50.6470, -24.9690, -18.1074

Square

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



51.0830, 28.0601, 53.4242



55.4950, -27.3590, 48.6779



45.4100, -18.9361, -39.8246



61.1590, 38.8686, -53.6364

Rectangle

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



51.0830, 28.0601, 53.4242



44.6540, -4.7594, 80.1104



45.4100, -18.9361, -39.8246



56.7470, 16.8867, -49.7671

Sweetspot

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



51.0830, 28.0601, 53.4242



121.4060, 11.1388, 20.6919



21.6390, 44.5480, -8.4534



59.2110, 6.7980, 12.9700



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.



51.0830, 28.0601, 53.4242



59.3150, 39.7777, 75.1457



45.2690, 5.7834, 58.5231



52.4780, 1.7363, 3.0888



48.9900, 32.5429, 62.2758



100.9850, 67.5484, 128.0552

Inverse Universe

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



51.0830, 28.0601, 53.4242



59.3150, 39.7777, 75.1457



75.7310, -5.7834, -58.5231



52.4780, 1.7363, 3.0888



48.9900, 32.5429, 62.2758



100.9850, 67.5484, 128.0552

Previews

White Background



This preview shows how the YUV color 51.0830, 28.0601, 53.4242 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

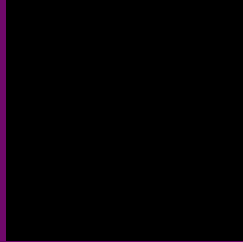
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.0830, 28.0601, 53.4242

Background



This preview shows how black text looks on a background with the YUV color 51.0830, 28.0601, 53.4242.



This preview shows how white text looks on a background with the YUV color 51.0830, 28.0601,

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

51.0830, 28.0601, 53.4242

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

62.0530, 19.6939, -16.7095



Tritanopia

62.1790, -7.9762, 38.4310

Trichromacy



Original Color

51.0830, 28.0601, 53.4242

Protanomaly

51.5220, 35.2387, -9.2278

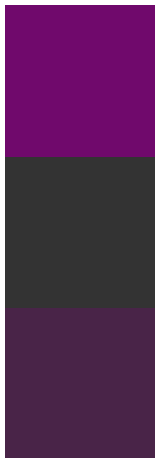
Deuteranomaly

58.0160, 22.6701, 8.7560

Tritanomaly

58.3550, 5.2480, 43.5387

Monochromacy



Original Color

51.0830, 28.0601, 53.4242

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.1670, 10.2707, 19.1475

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.0830, 28.0601, 53.4242 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, 9, 108)` looks like.

```
.text, #text, p{  
    color:rgb(112, 9, 108)  
}
```

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, 9, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 9, 108) }
```

Border

The CSS property to change the border of an element to YUV 51.0830, 28.0601, 53.4242 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, 9, 108) }
```


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

```
.border{ border-color:rgb(112, 9, 108) }
```

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

Here you see how a box with a 4 pixel rgb(112, 9, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 9, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 9, 108);  
box-shadow:4px 4px 4px 4px rgb(112, 9,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 51.0830, 28.0601, 53.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 9, 108) }
```

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

```
.background{ background-color: rgb(112, 9,  
108) }
```

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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