

Converting Colors

YUV(50.3630, 50.1070, 28.6226)

Have a look what the booklet for
YUV(50.3630, 50.1070, 28.6226)
contains.

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Color

**YUV(50.3630, 50.1070,
28.6226)**

Conversions

Conversions Part 1

Format	Color
Hex	530E98
RGB	83, 14, 152
RGB Percent	33%, 5%, 60%
CMY	0.6745, 0.9451, 0.4039
CMYK	0.45, 0.91, 0.00, 0.40
HSL	270°, 83%, 33%
HSV	270°, 91%, 60%
XYZ	9.3918, 4.4201, 30.0639
YIQ	50.3630, -3.1740, 57.5460

Conversions

Conversions Part 2

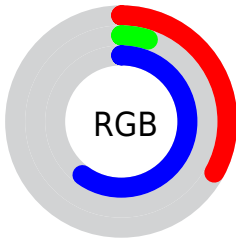
Format	Color
R_{YB}	83, 14, 152
Decimal	5443224
CIE _{Lab}	25.01, 54.37, -59.52
CIE _{LCh}	25, 80.616, 312.412
Y _{xy}	4.4201, 0.2141, 0.1007
Android (android.graphics.Color)	4283633304 (0xFF530E98)
YUV	50.3630, 50.1070, 28.6226
Hunter-Lab	21.0240, 42.9474, -70.0669

Details

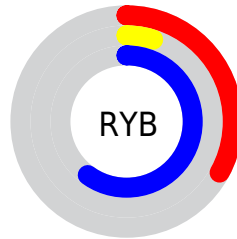
The YUV color **50.3630, 50.1070, 28.6226** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **115.6370, -50.1070, -28.6226**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.1350, 49.2334, 28.8226**, and **17.3800, 40.7317, 2.2977** is the 20% darker color. If you saturate the color by 10%, you get **40.0520, 55.1904, 31.5264**, and if you desaturate by 10%, it is **61.5600, 44.5869, 25.8189**.

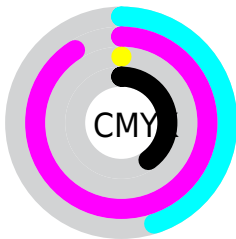
Distribution



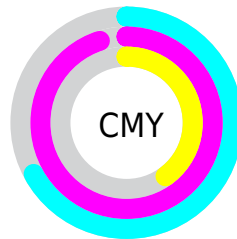
- Red (33%)
- Green (5%)
- Blue (60%)



- Red (33%)
- Yellow (5%)
- Blue (60%)



- Cyan (45%)
- Magenta (91%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (95%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.3630, 50.1070, 28.6226 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 50.3630, 50.1070, 28.6226 by changing the saturation by 10% instead.

■ 50.3630, 50.1070,
28.6226

■ 50.3630, 50.1070,
28.6226

■ 255.0000, 0.0000,
0.0000

■ 30.3960, 46.6398,
20.7007

■ 107.1350, 49.2334,
28.8226

■ 17.3800, 40.7317,
2.2977

■ 134.0750, 50.2490,
29.7522

■ 8.5500, 32.7599,
-7.4984

■ 160.1740, 46.7492,
32.2964

■ 8.1620, 21.1191,
-7.1581

■ 184.9930, 34.5135,
36.8401

■ 4.4800, 12.0884,
-3.9290


■ 209.8010, 22.2831,
39.6395


■ 0.0000, 0.0000,
0.0000


■ 226.2370, 14.1802,

25.2252


 243.2600, 5.7878,
10.2960


 50.3630, 50.1070,
28.6226


 50.3630, 50.1070,
28.6226

 40.0520, 55.1904,
31.5264

 61.5600, 44.5869,
25.8189

 72.4580, 39.2142,
22.4003

 84.2420, 33.4047,
19.0818

 95.1400, 28.0320,
15.6632

 106.3370, 22.5119,
12.8595

■ 117.5340, 16.9917,
10.0557

■ 128.4320, 11.6190,
6.6371

■ 140.2160, 5.8095,
3.3186

■ 151.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



57.2560, 61.9918, -50.2135



50.3630, 50.1070, 28.6226



53.9290, 21.7270, 78.1153

Triad

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



50.3630, 50.1070, 28.6226



55.1520, -27.1899, 41.0857



56.5360, 13.5398, -49.5821

Complementary

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



50.3630, 50.1070, 28.6226



115.6370, -50.1070, -28.6226

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.



47.7240, -15.1469, -41.8539



50.3630, 50.1070, 28.6226



53.1050, -26.1808, -2.7231

Square

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



50.3630, 50.1070, 28.6226



41.5610, -20.4896, 85.4540



43.4380, -21.4149, -38.0951



63.8490, 39.0214, -55.9956

Rectangle

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



50.3630, 50.1070, 28.6226



53.2560, 2.3388, 90.1065



43.4380, -21.4149, -38.0951



53.5550, 4.6564, -46.9677

Sweetspot

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



50.3630, 50.1070, 28.6226



157.1150, 19.1703, 11.3001



70.2350, 40.3101, -49.3181



76.3180, 11.1822, 6.7371



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



50.3630, 50.1070, 28.6226



51.6460, 71.1665, 40.6525



70.9940, 39.9360, 71.0423



71.1080, 2.9048, 1.6593



36.8900, 50.8332, 29.0375



3.2760, 4.7939, 2.3889

Inverse Universe

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



63.1280, 9.7969, 77.9407



69.7760, 13.9144, 110.6984



95.0060, -39.9360, -71.0423



71.8480, 0.5679, 4.5183



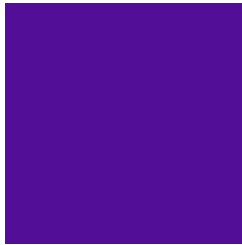
49.8400, 9.9389, 79.0703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 50.3630, 50.1070, 28.6226 looks on a white background.

Color Contrast Check

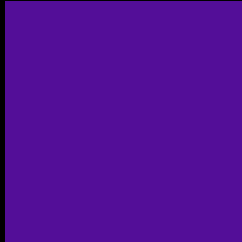
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 50.3630, 50.1070, 28.6226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

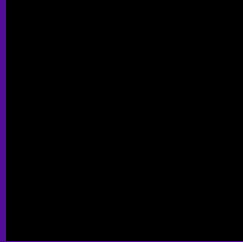
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.3630, 50.1070, 28.6226

Background



This preview shows how black text looks on a background with the YUV color 50.3630, 50.1070, 28.6226.



This preview shows how white text looks on a background with the YUV color 50.3630, 50.1070,

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

50.3630, 50.1070, 28.6226

Protanopia

48.7690, 37.0889, -42.7704

Tritanopia

61.1680, 1.8892, 0.7297

Trichromacy



Original Color

50.3630, 50.1070, 28.6226

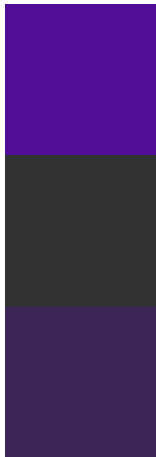
Protanomaly

49.4870, 41.6649, -17.0901

Tritanomaly

57.2290, 19.6071, 11.2002

Monochromacy



Original Color

50.3630, 50.1070, 28.6226

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.1750, 18.1547, 10.3705

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.3630, 50.1070, 28.6226 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(83, 14, 152)` looks like.

```
.text, #text, p{  
    color:rgb(83, 14, 152)  
}
```

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(83, 14, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 14, 152) }
```

Border

The CSS property to change the border of an element to YUV 50.3630, 50.1070, 28.6226 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(83, 14, 152) }
```

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

```
.border{ border-color:rgb(83, 14, 152) }
```

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

Here you see how a box with a 4 pixel rgb(83, 14, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 14, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 14, 152);  
box-shadow:4px 4px 4px 4px rgb(83, 14,  
152) }
```


Background

The CSS property to change the background color of an element to YUV 50.3630, 50.1070, 28.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 14, 152) }
```

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

```
.background{ background-color: rgb(83, 14,  
152) }
```

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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