

Converting Colors

YUV(58.6740, 65.2367, 29.2269)

Have a look what the booklet for
YUV(58.6740, 65.2367, 29.2269)
contains.

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Color

**YUV(58.6740, 65.2367,
29.2269)**

Conversions

Conversions Part 1

Format	Color
Hex	5C10BF
RGB	92, 16, 191
RGB Percent	36%, 6%, 75%
CMY	0.6392, 0.9373, 0.2510
CMYK	0.52, 0.92, 0.00, 0.25
HSL	266°, 85%, 41%
HSV	266°, 92%, 75%
XYZ	14.0029, 6.4075, 49.7889
YIQ	58.6740, -10.8790, 70.5370

Conversions

Conversions Part 2

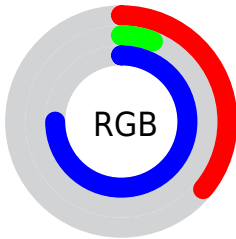
Format	Color
R_{YB}	92, 16, 191
Decimal	6033599
CIE _{Lab}	30.42, 64.00, -74.05
CIE _{LCh}	30, 97.875, 310.835
Yxy	6.4075, 0.1995, 0.0913
Android (android.graphics.Color)	4284223679 (0xFF5C10BF)
YUV	58.6740, 65.2367, 29.2269
Hunter-Lab	25.3130, 54.4466, -98.9003

Details

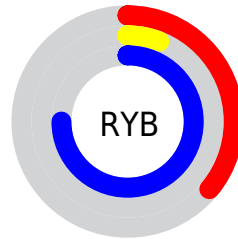
The YUV color **58.6740, 65.2367, 29.2269** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **148.3260, -65.2367, -29.2269**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.0330, 64.0737, 28.9121**, and **19.6900, 57.3408, -4.9901** is the 20% darker color. If you saturate the color by 10%, you get **46.5910, 71.1936, 31.9307**, and if you desaturate by 10%, it is **73.1160, 58.1168, 26.2083**.

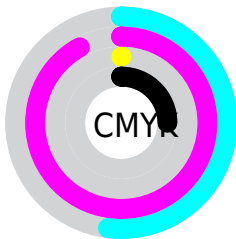
Distribution



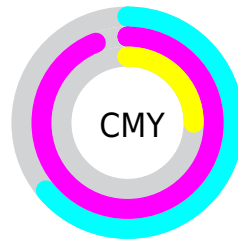
- Red (36%)
- Green (6%)
- Blue (75%)



- Red (36%)
- Yellow (6%)
- Blue (75%)



- Cyan (52%)
- Magenta (92%)
- Yellow (0%)
- Black (25%)



- Cyan (64%)
- Magenta (94%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.6740, 65.2367, 29.2269 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 58.6740, 65.2367, 29.2269 by changing the saturation by 10% instead.

■ 58.6740, 65.2367,
29.2269

■ 58.6740, 65.2367,
29.2269

■ 255.0000, 0.0000,
0.0000

■ 36.2230, 62.5011,
19.9754

■ 119.0330, 64.0737,
28.9121

■ 19.6900, 57.3408,
-4.9901

■ 143.9490, 54.7481,
33.3707

■ 12.5400, 48.0478,
-10.9976

■ 169.3550, 42.2230,
37.3997

■ 9.5760, 36.6910,
-8.3982

■ 194.4730, 29.8398,
42.5582

■ 10.3620, 24.4715,
-9.0875

■ 214.4970, 19.9680,
35.5211

■ 5.3920, 15.5827,
-4.7288

■ 231.5200, 11.5756,


■ 2.1830, 5.8258,


20.5920


-1.9145


 248.5430, 3.1833,
5.6628


 0.0000, 0.0000,
0.0000


 58.6740, 65.2367,
29.2269


 58.6740, 65.2367,
29.2269


 46.5910, 71.1936,
31.9307

 73.1160, 58.1168,
26.2083

 87.5580, 50.9969,
23.1896

 101.7010, 44.0244,
19.5562

 116.1430, 36.9045,
16.5376

 130.5850, 29.7846,
13.5190

■ 145.6140, 22.3753,
9.9855

■ 160.0560, 15.2554,
6.9669

■ 174.1990, 8.2829,
3.3335

■ 188.6410, 1.1630,
0.3148

Harmonies

Analogous

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



71.1910, 77.3068, -62.4345



58.6740, 65.2367, 29.2269



66.1620, 28.5141, 94.5739

Triad

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



58.6740, 65.2367, 29.2269



65.2630, -32.1747, 53.2663



67.6380, 15.4615, -59.3185

Complementary

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



58.6740, 65.2367, 29.2269



148.3260, -65.2367, -29.2269

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.



56.4320, -22.3980, -49.4909



58.6740, 65.2367, 29.2269



64.6230, -31.8591, -1.4234

Square

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



58.6740, 65.2367, 29.2269



51.1290, -25.2066, 105.1269



52.8300, -26.0452, -46.3319



77.2480, 47.2057, -67.7465

Rectangle

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



58.6740, 65.2367, 29.2269



65.5450, 4.1683, 110.0240



52.8300, -26.0452, -46.3319



63.9730, 3.9573, -56.1043

Sweetspot

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



58.6740, 65.2367, 29.2269



197.1950, 24.5539, 11.2300



94.0630, 47.7899, -68.4613



94.6430, 14.9660, 6.4521



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



58.6740, 65.2367, 29.2269



60.1510, 92.1166, 41.0866



84.6870, 52.4123, 82.7125



87.2220, 3.3416, 1.5593



38.6430, 58.8430, 26.6231



7.4210, 11.6244, 4.8928

Inverse Universe

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



79.6110, 17.4468, 97.6882



89.8130, 24.7422, 137.8530



122.3130, -52.4123, -82.7125



88.2610, 0.8573, 5.0331



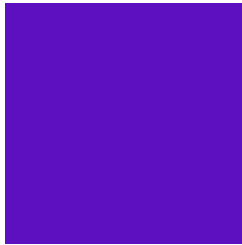
57.3880, 15.5847, 88.2367



11.2070, 2.8559, 17.3585

Previews

White Background



This preview shows how the YUV color 58.6740, 65.2367, 29.2269 looks on a white background.

Color Contrast Check

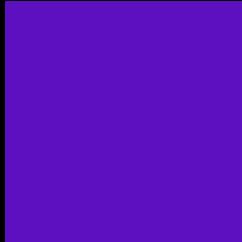
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.6740, 65.2367, 29.2269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

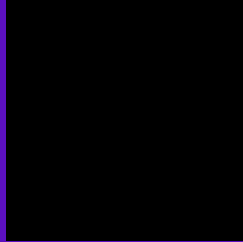
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.6740, 65.2367, 29.2269

Background



This preview shows how black text looks on a background with the YUV color 58.6740, 65.2367, 29.2269.



This preview shows how white text looks on a background with the YUV color 58.6740, 65.2367,

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

58.6740, 65.2367, 29.2269

Protanopia

57.9620, 44.3887, -50.8327

Deuteranopia

58.3890, 33.3322, -51.2072



Tritanopia

70.9000, 4.9793, -10.4363

Trichromacy



Original Color

58.6740, 65.2367, 29.2269

Protanomaly

57.9130, 52.3009, -21.8487

Deuteranomaly

58.6650, 45.0282, -22.5082

Tritanomaly

66.7210, 26.7595, 3.7527

Monochromacy



Original Color

58.6740, 65.2367, 29.2269

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.6680, 23.8277, 10.8152

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.6740, 65.2367, 29.2269 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(92, 16, 191)` looks like.

```
.text, #text, p{  
    color:rgb(92, 16, 191)  
}
```

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(92, 16, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 16, 191) }
```

Border

The CSS property to change the border of an element to YUV 58.6740, 65.2367, 29.2269 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(92, 16, 191) }
```


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

```
.border{ border-color:rgb(92, 16, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 16, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 16, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 16, 191);  
box-shadow:4px 4px 4px 4px rgb(92, 16,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 58.6740, 65.2367, 29.2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 16, 191) }
```

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

```
.background{ background-color: rgb(92, 16,  
191) }
```

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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