

Converting Colors

YUV(65.1830, 29.4898, 14.7485)

Have a look what the booklet for
YUV(65.1830, 29.4898, 14.7485)
contains.

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Color

**YUV(65.1830, 29.4898,
14.7485)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 522D7D |
| RGB | 82, 45, 125 |
| RGB Percent | 32%, 18%, 49% |
| CMY | 0.6784, 0.8235, 0.5098 |
| CMYK | 0.34, 0.64, 0.00, 0.51 |
| HSL | 268°, 47%, 33% |
| HSV | 268°, 64%, 49% |
| XYZ | 8.1197, 5.1513, 19.9684 |
| YIQ | 65.1830, -3.6280, 32.7240 |

Conversions

Conversions Part 2

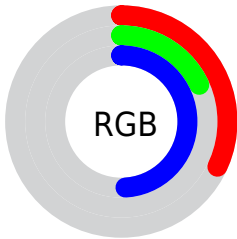
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 82, 45, 125 |
| Decimal | 5385597 |
| CIELab | 27.16, 34.17, -39.21 |
| CIELCh | 27, 52.012, 311.068 |
| Yxy | 5.1513, 0.2443, 0.1550 |
| Android (android.graphics.Color) | 4283575677 (0xFF522D7D) |
| YUV | 65.1830, 29.4898, 14.7485 |
| Hunter-Lab | 22.6964, 24.1403, -36.2760 |

Details

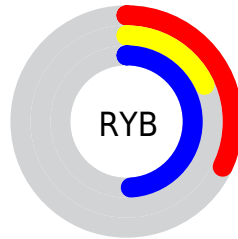
The YUV color **65.1830, 29.4898, 14.7485** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **104.8170, -29.4898, -14.7485**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.9490, 31.0841, 16.7077**, and **17.8190, 28.1902, 11.5597** is the 20% darker color. If you saturate the color by 10%, you get **56.0460, 33.9943, 16.6227**, and if you desaturate by 10%, it is **74.3200, 24.9852, 12.8744**.

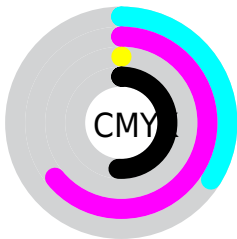
Distribution



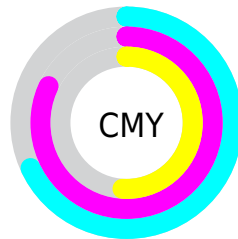
- Red (32%)
- Green (18%)
- Blue (49%)



- Red (32%)
- Yellow (18%)
- Blue (49%)



- Cyan (34%)
- Magenta (64%)
- Yellow (0%)
- Black (51%)



- Cyan (68%)
- Magenta (82%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.1830, 29.4898, 14.7485 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 65.1830, 29.4898, 14.7485 by changing the saturation by 10% instead.

65.1830, 29.4898,
14.7485

65.1830, 29.4898,
14.7485

255.0000, 0.0000,
0.0000

41.0580, 29.0584,
13.1041

114.9490, 31.0841,
16.7077

17.8190, 28.1902,
11.5597

141.1880, 31.9523,
18.2521

7.1240, 22.1239,
-2.7397

167.7150, 32.6785,
18.6669

4.5940, 12.5252,
-4.0289

194.6290, 29.7629,
20.4964

0.0000, 0.0000,
0.0000

219.7360, 17.3852,
23.9105

238.5640, 8.1029,

14.4144

■ 65.1830, 29.4898,
14.7485

■ 65.1830, 29.4898,
14.7485

■ 56.0460, 33.9943,
16.6227

■ 74.3200, 24.9852,
12.8744

■ 46.6210, 38.6408,
19.6264

■ 83.7450, 20.3387,
9.8706

■ 37.4840, 43.1454,
21.5005

■ 92.8820, 15.8342,
7.9965

■ 31.5920, 46.0501,
23.1598

■ 102.6060, 11.0402,
5.6075

■ 112.3300, 6.2463,
3.2186

■ 121.1680, 1.8892,
0.7297

■ 130.8920, -2.9048,
-1.6593

■ 140.0290, -7.4093,
-3.5334

■ 149.4540,
-12.0558, -6.5372

Harmonies

Analogous

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



54.4570, 43.6517, -47.7588



65.1830, 29.4898, 14.7485



55.9450, 17.2821, 57.0532

Triad

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



65.1830, 29.4898, 14.7485



61.0110, -30.0784, 34.1934



56.4390, 10.6296, -49.4970

Complementary

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



65.1830, 29.4898, 14.7485



104.8170, -29.4898, -14.7485

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.



50.4770, -7.1372, -44.2683



65.1830, 29.4898, 14.7485



59.0630, -29.1181, 6.0837

Square

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



65.1830, 29.4898, 14.7485



55.7550, -21.5712, 58.9739



48.2110, -23.7680, -30.0030



60.1840, 27.5173, -52.7814

Rectangle

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



65.1830, 29.4898, 14.7485



46.5790, 9.0816, 74.0372



48.2110, -23.7680, -30.0030



54.9570, 4.9512, -48.1973

Sweetspot

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



65.1830, 29.4898, 14.7485



140.0190, 11.3296, 6.1223



79.9480, 22.2106, -30.6494



67.8570, 6.9725, 3.6334



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



65.1830, 29.4898, 14.7485



69.5920, 46.0501, 23.1598



76.8440, 23.7409, 38.7248



58.6950, 2.6154, 1.1445



32.2330, 47.2131, 23.4747



0.0000, 0.0000, 0.0000

Inverse Universe

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



73.8220, 6.9898, 44.8831



83.0130, 10.8396, 70.1486



93.1560, -23.7409, -38.7248



59.5490, 0.7153, 3.9035



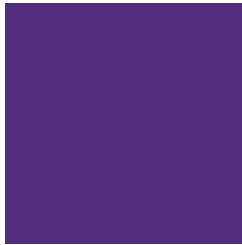
46.1380, 11.2710, 71.7930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 65.1830, 29.4898, 14.7485 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 65.1830, 29.4898, 14.7485 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 65.1830, 29.4898, 14.7485

Background



This preview shows how black text looks on a background with the YUV color 65.1830, 29.4898, 14.7485.



This preview shows how white text looks on a background with the YUV color 65.1830, 29.4898,

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

65.1830, 29.4898, 14.7485

Protanopia

51.4420, 39.7151, -45.1146

Deuteranopia

51.9660, 31.5688, -45.5742



Tritanopia

65.2610, 0.8573, 5.0331

Trichromacy



Original Color

65.1830, 29.4898, 14.7485

Protanomaly

56.5480, 35.7188, -23.2826

Deuteranomaly

56.5820, 30.7721, -23.3124

Tritanomaly

65.3290, 11.1768, 8.4815

Monochromacy



Original Color

65.1830, 29.4898, 14.7485

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.1930, 10.7509, 5.0927

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.1830, 29.4898, 14.7485 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(82, 45, 125)` looks like.

```
.text, #text, p{  
    color:rgb(82, 45, 125)  
}
```

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(82, 45, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 45, 125) }
```

Border

The CSS property to change the border of an element to YUV 65.1830, 29.4898, 14.7485 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(82, 45, 125) }
```


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

```
.border{ border-color:rgb(82, 45, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 45, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 45, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 45, 125);  
box-shadow:4px 4px 4px 4px rgb(82, 45,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 65.1830, 29.4898, 14.7485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 45, 125) }
```

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

```
.background{ background-color: rgb(82, 45,  
125) }
```

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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