

Converting Colors

YUV(165.9150, 29.6219,
65.8495)

Have a look what the booklet for
YUV(165.9150, 29.6219, 65.8495)
contains.

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Color

**YUV(165.9150, 29.6219,
65.8495)**

Conversions

Conversions Part 1

Format	Color
Hex	F174E2
RGB	241, 116, 226
RGB Percent	95%, 45%, 89%
CMY	0.0549, 0.5451, 0.1137
CMYK	0.00, 0.52, 0.06, 0.05
HSL	307°, 82%, 70%
HSV	307°, 52%, 95%
XYZ	56.2485, 36.6825, 76.0673
YIQ	165.9150, 39.1900, 60.7100

Conversions

Conversions Part 2

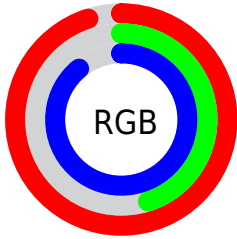
Format	Color
R _{YB}	241, 116, 226
Decimal	15824098
CIE _{Lab}	67.04, 61.86, -34.29
CIE _{LCh}	67, 70.732, 330.998
Yxy	36.6825, 0.3328, 0.2171
Android (android.graphics.Color)	4294014178 (0xFFFF174E2)
YUV	165.9150, 29.6219, 65.8495
Hunter-Lab	60.5661, 59.7844, -32.0683

Details

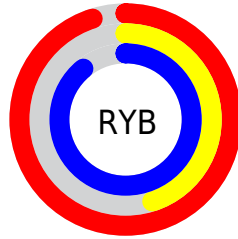
The YUV color **165.9150, 29.6219, 65.8495** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **191.0850, -29.6219, -65.8495**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2790, 24.0195, 42.7283**, and **108.4310, 30.3535, 64.5200** is the 20% darker color. If you saturate the color by 10%, you get **151.4850, 35.2569, 78.5047**, and if you desaturate by 10%, it is **180.3450, 23.9869, 53.1944**.

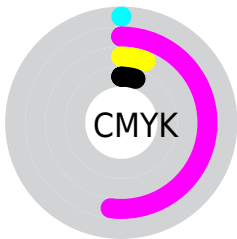
Distribution



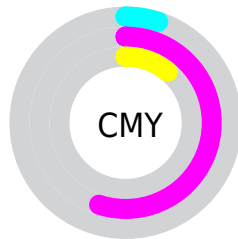
- Red (95%)
- Green (45%)
- Blue (89%)



- Red (95%)
- Yellow (45%)
- Blue (89%)



- Cyan (0%)
- Magenta (52%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (55%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.9150, 29.6219, 65.8495 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 165.9150, 29.6219, 65.8495 by changing the saturation by 10% instead.


 165.9150, 29.6219,
65.8495


 165.9150, 29.6219,
65.8495


255.0000, 0.0000,
0.0000

 137.3170, 29.9167,
64.6200


 206.2790, 24.0195,
42.7283


 108.4310, 30.3535,
64.5200


 223.3020, 15.6271,
27.7991

 77.1370, 32.9635,
67.4089

 240.3250, 7.2348,
12.8700

 51.1260, 32.9689,
65.6645

 39.7900, 25.7395,
51.0502

 28.9810, 19.2364,
36.8507

 19.2970, 13.1646,

24.2955

■ 3.3340, 10.1883,
-1.1699

■ 0.0000, 0.0000,
0.0000

■ 165.9150, 29.6219,
65.8495

■ 165.9150, 29.6219,
65.8495

■ 151.4850, 35.2569,
78.5047

■ 180.3450, 23.9869,
53.1944

■ 137.0550, 40.8919,
91.1598

■ 194.7750, 18.3519,
40.5393

■ 122.6250, 46.5269,
103.8149

■ 209.2050, 12.7169,
27.8842

■ 108.1950, 52.1619,
116.4700

■ 223.6350, 7.0819,
15.2291

96.2270, 57.0761,
126.9659

237.9510, 1.0102,
2.6740

249.4460, -3.1779,
-7.4071

249.7880, -1.8675,
-7.7071

250.1300, -0.5571,
-8.0070

250.4720, 0.7533,
-8.3069

Harmonies

Analogous

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



163.2210, 45.2470, 0.6832



165.9150, 29.6219, 65.8495



153.0540, 5.3964, 89.4066

Triad

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



165.9150, 29.6219, 65.8495



151.9150, -74.8941, 35.1545



138.5820, 43.5901, -121.5364

Complementary

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



165.9150, 29.6219, 65.8495



191.0850, -29.6219, -65.8495

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.



131.8730, 15.3456, -115.6526



165.9150, 29.6219, 65.8495



147.2040, -53.3446, -16.8419

Square

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



165.9150, 29.6219, 65.8495



157.5480, -54.5002, 74.0644



121.5280, -11.5993, -106.5801



137.6650, 57.8462, -120.7322

Rectangle

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



165.9150, 29.6219, 65.8495



150.5000, -14.5435, 91.6465



121.5280, -11.5993, -106.5801



136.8890, 34.5647, -120.0517

Sweetspot

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



165.9150, 29.6219, 65.8495



230.3630, 9.6810, 21.6066



134.7350, 52.3886, -3.2756



112.9830, 5.9244, 13.1699



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



165.9150, 29.6219, 65.8495



160.0880, 37.4246, 83.2378



158.8470, 2.5404, 72.0482



112.7280, 2.5991, 6.3775



73.4840, 43.6384, 96.9225



22.3300, 13.1483, 29.5286

Inverse Universe

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



165.9150, 29.6219, 65.8495



160.0880, 37.4246, 83.2378



198.1530, -2.5404, -72.0482



112.7280, 2.5991, 6.3775



73.4840, 43.6384, 96.9225



22.3300, 13.1483, 29.5286

Previews

White Background



This preview shows how the YUV color 165.9150, 29.6219, 65.8495 looks on a white background.

Color Contrast Check

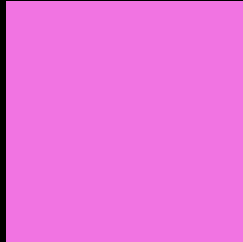
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 165.9150, 29.6219, 65.8495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

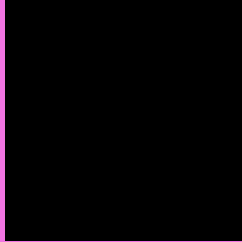
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.9150, 29.6219, 65.8495

Background



This preview shows how black text looks on a background with the YUV color 165.9150, 29.6219, 65.8495.



This preview shows how white text looks on a background with the YUV color 165.9150, 29.6219,

65.8495.

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

165.9150, 29.6219, 65.8495

Protanopia

161.8490, 45.9234, -29.6856

Deuteranopia

163.9100, 26.6664, -13.0761



Tritanopia

165.1430, -9.9305, 58.6336

Trichromacy



Original Color

165.9150, 29.6219, 65.8495



Protanomaly

163.4620, 39.7052, 4.8568



Deuteranomaly

164.7270, 27.7426, 15.1484



Tritanomaly

165.2370, 4.3202, 61.1822

Monochromacy



Original Color

165.9150, 29.6219, 65.8495



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.0150, 10.8386, 23.6658

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.9150, 29.6219, 65.8495 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(241, 116, 226)` looks like.

```
.text, #text, p{  
    color:rgb(241, 116, 226)  
}
```

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(241, 116, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 116, 226) }
```

Border

The CSS property to change the border of an element to YUV 165.9150, 29.6219, 65.8495 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(241, 116, 226) }
```


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

```
.border{ border-color:rgb(241, 116, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 116, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 116, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 116, 226);  
box-shadow:4px 4px 4px 4px rgb(241, 116,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 165.9150, 29.6219, 65.8495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 116, 226) }
```

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

```
.background{ background-color: rgb(241,  
116, 226) }
```

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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