

Converting Colors

YUV(165.8010, 29.1851,
65.9495)

Have a look what the booklet for
YUV(165.8010, 29.1851, 65.9495)
contains.

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Color

**YUV(165.8010, 29.1851,
65.9495)**

Conversions

Conversions Part 1

Format	Color
Hex	F174E1
RGB	241, 116, 225
RGB Percent	95%, 45%, 88%
CMY	0.0549, 0.5451, 0.1176
CMYK	0.00, 0.52, 0.07, 0.05
HSL	308°, 82%, 70%
HSV	308°, 52%, 95%
XYZ	56.1116, 36.6278, 75.3466
YIQ	165.8010, 39.5110, 60.3990

Conversions

Conversions Part 2

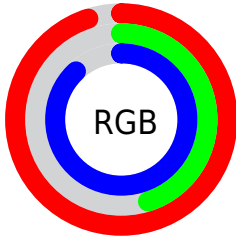
Format	Color
R _{YB}	241, 116, 225
Decimal	15824097
CIE Lab	67.00, 61.70, -33.80
CIE LCh	67, 70.353, 331.283
Yxy	36.6278, 0.3338, 0.2179
Android (android.graphics.Color)	4294014177 (0xFFFF174E1)
YUV	165.8010, 29.1851, 65.9495
Hunter-Lab	60.5209, 59.5837, -31.4496

Details

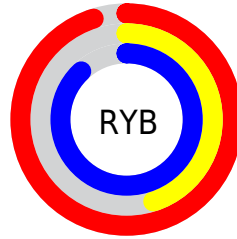
The YUV color **165.8010, 29.1851, 65.9495** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **191.1990, -29.1851, -65.9495**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2790, 24.0195, 42.7283**, and **108.3170, 29.9167, 64.6200** is the 20% darker color. If you saturate the color by 10%, you get **151.3710, 34.8201, 78.6046**, and if you desaturate by 10%, it is **180.2310, 23.5501, 53.2944**.

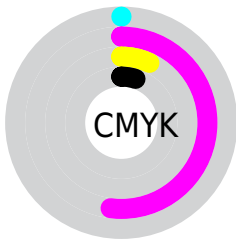
Distribution



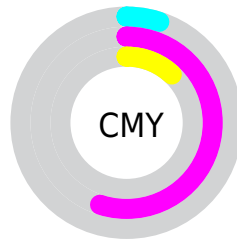
- Red (95%)
- Green (45%)
- Blue (88%)



- Red (95%)
- Yellow (45%)
- Blue (88%)



- Cyan (0%)
- Magenta (52%)
- Yellow (7%)
- Black (5%)





- Cyan (5%)
- Magenta (55%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.8010, 29.1851, 65.9495 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 165.8010, 29.1851, 65.9495 by changing the saturation by 10% instead.


 165.8010, 29.1851,
65.9495


 165.8010, 29.1851,
65.9495


255.0000, 0.0000,
0.0000


 137.2030, 29.4799,
64.7200


 206.2790, 24.0195,
42.7283


 108.3170, 29.9167,
64.6200


 223.3020, 15.6271,
27.7991

 77.6100, 32.2373,
66.9940

 240.3250, 7.2348,
12.8700

 51.0120, 32.5321,
65.7645

 39.7900, 25.7395,
51.0502

 28.9810, 19.2364,
36.8507

 19.1830, 12.7278,

24.3955

■ 3.2200, 9.7515,
-1.0699

■ 0.0000, 0.0000,
0.0000

■ 165.8010, 29.1851,
65.9495

■ 165.8010, 29.1851,
65.9495

■ 151.3710, 34.8201,
78.6046

■ 180.2310, 23.5501,
53.2944

■ 136.9410, 40.4551,
91.2597

■ 194.6610, 17.9151,
40.6393

■ 122.5110, 46.0901,
103.9149

■ 209.0910, 12.2801,
27.9842

■ 108.0810, 51.7251,
116.5700

■ 223.5210, 6.6451,
15.3291

95.9990, 56.2025,
127.1659

237.9510, 1.0102,
2.6740

249.5600, -2.7411,
-7.5071

249.9020, -1.4307,
-7.8071

250.2440, -0.1203,
-8.1070

250.5860, 1.1901,
-8.4069

Harmonies

Analogous

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



163.5200, 45.0996, 1.2980



165.8010, 29.1851, 65.9495



152.9400, 4.9596, 89.5066

Triad

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



165.8010, 29.1851, 65.9495



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.



165.8010, 29.1851, 65.9495



191.1990, -29.1851, -65.9495

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.



131.4000, 16.0718, -115.2378



165.8010, 29.1851, 65.9495



147.3180, -52.9078, -16.9419

Square

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



165.8010, 29.1851, 65.9495



157.2490, -54.3528, 73.4496



121.6420, -11.1625, -106.6800



137.6650, 57.8462, -120.7322

Rectangle

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



165.8010, 29.1851, 65.9495



151.0870, -14.8329, 91.1317



121.6420, -11.1625, -106.6800



136.8890, 34.5647, -120.0517

Sweetspot

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



165.8010, 29.1851, 65.9495



230.3630, 9.6810, 21.6066



134.7350, 52.3886, -3.2756



112.8690, 5.4876, 13.2699



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.



165.8010, 29.1851, 65.9495



159.9740, 36.9878, 83.3378



158.8470, 2.5404, 72.0482



112.7280, 2.5991, 6.3775



73.2560, 42.7648, 97.1225



22.3300, 13.1483, 29.5286

Inverse Universe

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



165.8010, 29.1851, 65.9495



159.9740, 36.9878, 83.3378



198.1530, -2.5404, -72.0482



112.7280, 2.5991, 6.3775



73.2560, 42.7648, 97.1225



22.3300, 13.1483, 29.5286

Previews

White Background



This preview shows how the YUV color 165.8010, 29.1851, 65.9495 looks on a white background.

Color Contrast Check

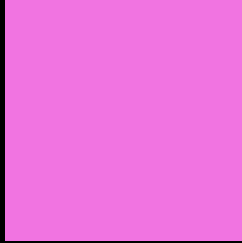
Large Text (above 18pt) WCAG AA × Fail

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 165.8010, 29.1851, 65.9495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

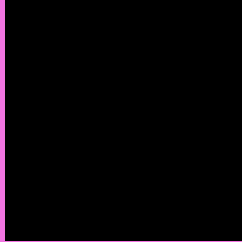
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.8010, 29.1851, 65.9495

Background



This preview shows how black text looks on a background with the YUV color 165.8010, 29.1851, 65.9495.



This preview shows how white text looks on a background with the YUV color 165.8010, 29.1851,

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

165.8010, 29.1851, 65.9495

Protanopia

161.2620, 46.2128, -29.1708

Deuteranopia

163.7960, 26.2296, -12.9761



Tritanopia

165.1430, -9.9305, 58.6336

Trichromacy



Original Color

165.8010, 29.1851, 65.9495



Protanomaly

162.8750, 39.9946, 5.3716



Deuteranomaly

164.6130, 27.3058, 15.2484



Tritanomaly

165.2370, 4.3202, 61.1822

Monochromacy



Original Color

165.8010, 29.1851, 65.9495



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.9010, 10.4018, 23.7658

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8010, 29.1851, 65.9495 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(241, 116, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 116, 225) }
```

Border

The CSS property to change the border of an element to YUV 165.8010, 29.1851, 65.9495 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, 225) }
```


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

```
.border{ border-color:rgb(241, 116, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 116, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 116, 225);  
box-shadow:4px 4px 4px 4px rgb(241, 116,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 165.8010, 29.1851, 65.9495 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, 225) }
```

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

```
.background{ background-color: rgb(241,  
116, 225) }
```

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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