

Converting Colors

YUV(176.1820, 28.0113,
69.1234)

Have a look what the booklet for
YUV(176.1820, 28.0113, 69.1234)
contains.

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Color

**YUV(176.1820, 28.0113,
69.1234)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7DE9
RGB	255, 125, 233
RGB Percent	100%, 49%, 91%
CMY	0.0000, 0.5098, 0.0863
CMYK	0.00, 0.51, 0.09, 0.00
HSL	310°, 100%, 75%
HSV	310°, 51%, 100%
XYZ	63.2816, 41.8104, 81.8257
YIQ	176.1820, 42.8120, 61.1480

Conversions

Conversions Part 2

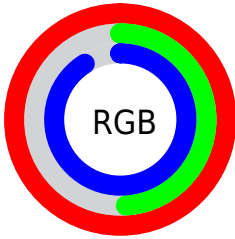
Format	Color
R _Y B	255, 125, 233
Decimal	16743913
CIE Lab	70.74, 62.72, -32.28
CIE LCh	71, 70.540, 332.765
Yxy	41.8104, 0.3386, 0.2237
Android (android.graphics.Color)	4294933993 (0xFFFF7DE9)
YUV	176.1820, 28.0113, 69.1234
Hunter-Lab	64.6610, 61.5354, -29.7663

Details

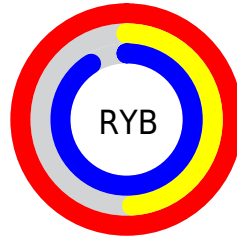
The YUV color **176.1820, 28.0113, 69.1234** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **203.8180, -28.0113, -69.1234**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1490, 21.1255, 37.5803**, and **118.6980, 28.7429, 67.7939** is the 20% darker color. If you saturate the color by 10%, you get **161.0510, 33.4989, 82.3933**, and if you desaturate by 10%, it is **191.9000, 22.2343, 55.3387**.

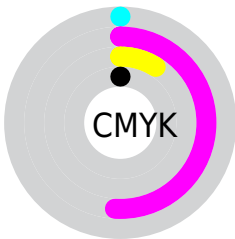
Distribution



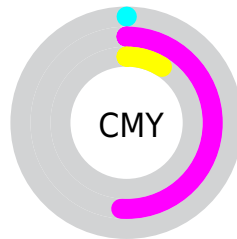
- Red (100%)
- Green (49%)
- Blue (91%)



- Red (100%)
- Yellow (49%)
- Blue (91%)



- Cyan (0%)
- Magenta (51%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.1820, 28.0113, 69.1234 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 176.1820, 28.0113, 69.1234 by changing the saturation by 10% instead.


 176.1820, 28.0113,
69.1234


 176.1820, 28.0113,
69.1234

255.0000, 0.0000,
0.0000


 147.5840, 28.3061,
67.8938


 212.1490, 21.1255,
37.5803


 118.6980, 28.7429,
67.7939


 229.1720, 12.7332,
22.6512

 88.7520, 30.1953,
68.6235

 246.1950, 4.3409,
7.7220

 55.6970, 33.6734,
73.0567

 44.4750, 26.8808,
58.3424

 33.2530, 20.0883,
43.6281

 23.5690, 14.0165,

31.0730

■ 11.9770, 8.3923,
14.9292

■ 0.0000, 0.0000,
0.0000

■ 176.1820, 28.0113,
69.1234

■ 176.1820, 28.0113,
69.1234

■ 161.0510, 33.4989,
82.3933

■ 191.9000, 22.2343,
55.3387

■ 145.2190, 38.8390,
96.2779

■ 207.1450, 17.1835,
41.9688

■ 130.0880, 44.3266,
109.5478

■ 222.8630, 11.4065,
28.1841

■ 114.3700, 50.1036,
123.3325

■ 237.9940, 5.9190,
14.9143

■ 100.4130, 55.0124,
135.5728

253.8260, 0.5788,
1.0296

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



173.0000, 40.4260, 7.0160



176.1820, 28.0113, 69.1234



160.1950, 4.8339, 83.1440

Triad

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



176.1820, 28.0113, 69.1234



163.1580, -70.0839, 32.3104



146.0480, 46.8113, -128.0841

Complementary

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



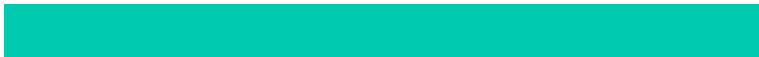
176.1820, 28.0113, 69.1234



203.8180, -28.0113, -69.1234

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.



139.3390, 18.5669, -122.2003



176.1820, 28.0113, 69.1234



157.1650, -50.8603, -20.3157

Square

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



176.1820, 28.0113, 69.1234



168.0810, -56.2419, 72.7200



129.4670, -9.1042, -113.5426



143.5350, 54.9522, -125.8802

Rectangle

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



176.1820, 28.0113, 69.1234



158.2280, -15.3954, 84.8690



129.4670, -9.1042, -113.5426



144.3550, 37.7860, -126.5993

Sweetspot

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



176.1820, 28.0113, 69.1234



232.0100, 8.3761, 20.1622



146.3980, 53.5408, 0.5280



114.0430, 4.9088, 12.2403



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.



176.1820, 28.0113, 69.1234



160.4640, 33.7882, 82.9081



168.7720, -0.3806, 75.6220



120.0270, 2.4517, 6.9923



75.2350, 41.2961, 101.5259



25.1780, 13.7162, 34.0469

Inverse Universe

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



176.1820, 28.0113, 69.1234



160.4640, 33.7882, 82.9081



211.2280, 0.3806, -75.6220



120.0270, 2.4517, 6.9923



75.2350, 41.2961, 101.5259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 176.1820, 28.0113, 69.1234 looks on a white background.

Color Contrast Check

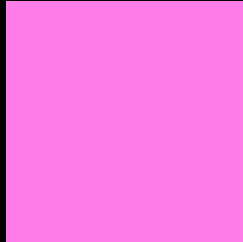
Large Text (above 18pt) WCAG AA × Fail

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 176.1820, 28.0113, 69.1234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

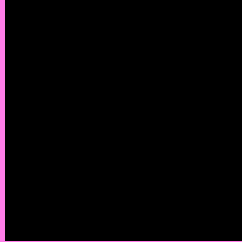
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.1820, 28.0113, 69.1234

Background



This preview shows how black text looks on a background with the YUV color 176.1820, 28.0113, 69.1234.



This preview shows how white text looks on a background with the YUV color 176.1820, 28.0113,

69.1234.

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

176.1820, 28.0113, 69.1234

Protanopia

172.8020, 40.5236, -24.3824

Deuteranopia

173.8780, 25.2031, -10.4170



Tritanopia

175.0510, -10.3781, 62.2223

Trichromacy



Original Color

176.1820, 28.0113, 69.1234



Protanomaly

173.8710, 36.0526, 9.7601



Deuteranomaly

174.9940, 26.1320, 18.4223



Tritanomaly

175.1450, 3.8725, 64.7708

Monochromacy



Original Color

176.1820, 28.0113, 69.1234



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.9120, 10.3964, 25.5102

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1820, 28.0113, 69.1234 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(255, 125, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 233)  
}
```

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(255, 125, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 233) }
```

Border

The CSS property to change the border of an element to YUV 176.1820, 28.0113, 69.1234 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(255, 125, 233) }
```


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

```
.border{ border-color:rgb(255, 125, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 176.1820, 28.0113, 69.1234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 233) }
```

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

```
.background{ background-color: rgb(255,  
125, 233) }
```

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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