

Converting Colors

YUV(180.6330, 27.2959,
65.2199)

Have a look what the booklet for
YUV(180.6330, 27.2959, 65.2199)
contains.

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Color

**YUV(180.6330, 27.2959,
65.2199)**

Conversions

Conversions Part 1

Format	Color
Hex	FF84EC
RGB	255, 132, 236
RGB Percent	100%, 52%, 93%
CMY	0.0000, 0.4824, 0.0745
CMYK	0.00, 0.48, 0.07, 0.00
HSL	309°, 100%, 76%
HSV	309°, 48%, 100%
XYZ	64.6316, 43.8187, 84.4083
YIQ	180.6330, 39.9240, 58.4200

Conversions

Conversions Part 2

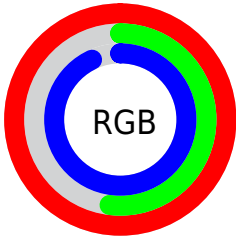
Format	Color
R _Y B	255, 132, 236
Decimal	16745708
CIE _{Lab}	72.11, 59.91, -31.82
CIE _{LCh}	72, 67.835, 332.028
Yxy	43.8187, 0.3351, 0.2272
Android (android.graphics.Color)	4294935788 (0xFFFF84EC)
YUV	180.6330, 27.2959, 65.2199
Hunter-Lab	66.1957, 58.4400, -29.2657

Details

The YUV color **180.6330, 27.2959, 65.2199** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **206.3670, -27.2959, -65.2199**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6710, 19.3892, 34.4915**, and **123.7360, 27.7382, 63.3755** is the 20% darker color. If you saturate the color by 10%, you get **165.5020, 32.7835, 78.4897**, and if you desaturate by 10%, it is **196.3510, 21.5190, 51.4352**.

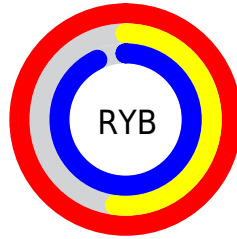
Distribution



Red (100%)

Green (52%)

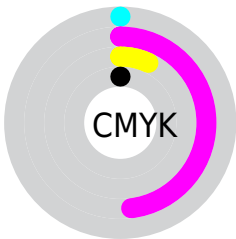
Blue (93%)



Red (100%)

Yellow (52%)

Blue (93%)

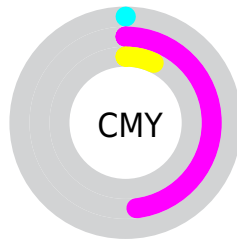


Cyan (0%)

Magenta (48%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (48%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.6330, 27.2959, 65.2199 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 180.6330, 27.2959, 65.2199 by changing the saturation by 10% instead.

 180.6330, 27.2959,
65.2199


 180.6330, 27.2959,
65.2199


255.0000, 0.0000,
0.0000

 152.0350, 27.5907,
63.9903


 215.6710, 19.3892,
34.4915


 123.7360, 27.7382,
63.3755


 232.6940, 10.9969,
19.5624

 94.9640, 28.6117,
63.1756

 250.3040, 2.3151,
4.1184

 59.5610, 33.2474,
69.6680

 44.7030, 27.7544,
58.1425

 33.8940, 21.2513,
43.9430

 23.7970, 14.8901,

30.8730

■ 12.9170, 9.4079,
15.8588

■ 0.2280, 0.8736,
-0.2000

■ 180.6330, 27.2959,
65.2199

■ 180.6330, 27.2959,
65.2199

■ 165.5020, 32.7835,
78.4897

■ 196.3510, 21.5190,
51.4352

■ 149.7840, 38.5605,
92.2744

■ 211.4820, 16.0314,
38.1653

■ 134.6530, 44.0481,
105.5443

■ 227.2000, 10.2544,
24.3806

■ 118.9350, 49.8250,
119.3290

■ 242.3310, 4.7668,
11.1107

■ 103.8040, 55.3126, 255.0000, 0.0000,
132.5989 0.0000

■ 100.8690, 56.7596,
135.1729

Harmonies

Analogous

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



177.1200, 38.3948, 5.1568



180.6330, 27.2959, 65.2199



165.4610, 4.7027, 78.5257

Triad

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



180.6330, 27.2959, 65.2199



168.3520, -64.2635, 32.1403



147.8090, 45.9432, -129.6285

Complementary

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



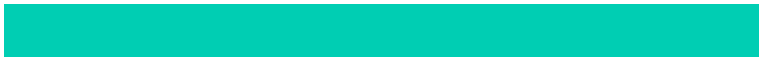
180.6330, 27.2959, 65.2199



206.3670, -27.2959, -65.2199

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.



141.3280, 18.5723, -123.9447



180.6330, 27.2959, 65.2199



162.2300, -49.4134, -17.7417

Square

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



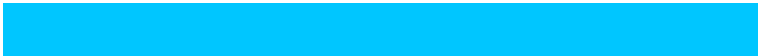
180.6330, 27.2959, 65.2199



172.5800, -53.0369, 71.4053



141.6650, -12.6528, -95.2992



145.2960, 54.0841, -127.4246

Rectangle

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



180.6330, 27.2959, 65.2199



163.1350, -14.3636, 80.5656



141.6650, -12.6528, -95.2992



146.1160, 36.9178, -128.1437

Sweetspot

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



180.6330, 27.2959, 65.2199



233.1840, 7.7973, 19.1326



151.4040, 51.0728, -1.2313



114.6300, 4.6194, 11.7255



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.



180.6330, 27.2959, 65.2199



165.5020, 32.7835, 78.4897



173.6790, 0.6513, 71.3185



120.1410, 2.8885, 6.8923



75.5770, 42.6065, 101.2260



25.2920, 14.1530, 33.9469

Inverse Universe

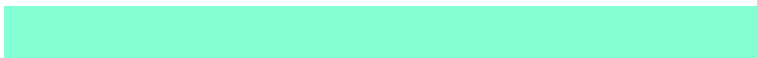
The Inverse Universe completely reimagines the original color for something new.



180.6330, 27.2959, 65.2199



165.5020, 32.7835, 78.4897



213.3210, -0.6513, -71.3185



120.1410, 2.8885, 6.8923



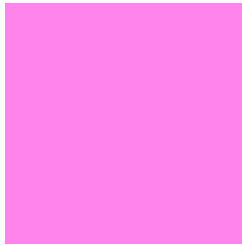
75.5770, 42.6065, 101.2260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 180.6330, 27.2959, 65.2199 looks on a white background.

Color Contrast Check

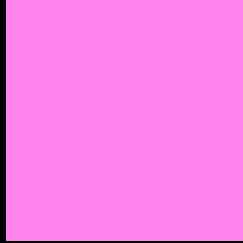
Large Text (above 18pt) WCAG AA × Fail

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 180.6330, 27.2959, 65.2199 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 180.6330, 27.2959, 65.2199 Background



This preview shows how black text looks on a background with the YUV color 180.6330, 27.2959, 65.2199.



This preview shows how white text looks on a background with the YUV color 180.6330, 27.2959,

65.2199.

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

180.6330, 27.2959, 65.2199

Protanopia

176.9440, 38.4816, -22.7529

Deuteranopia

178.1770, 25.0557, -9.8022



Tritanopia

179.2570, -9.4937, 58.5336

Trichromacy



Original Color

180.6330, 27.2959, 65.2199



Protanomaly

178.1160, 34.4528, 9.5453



Deuteranomaly

179.2820, 25.9900, 17.2927



Tritanomaly

179.8240, 4.0308, 60.6674

Monochromacy



Original Color

180.6330, 27.2959, 65.2199



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.7870, 9.9650, 23.8658

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6330, 27.2959, 65.2199 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, 132, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 236)  
}
```

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, 132, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 236) }
```

Border

The CSS property to change the border of an element to YUV 180.6330, 27.2959, 65.2199 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, 132, 236) }
```


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

```
.border{ border-color:rgb(255, 132, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 180.6330, 27.2959, 65.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 236) }
```

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

```
.background{ background-color: rgb(255,  
132, 236) }
```

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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