

Converting Colors

YUV(180.6670, 22.3492,
65.1900)

Have a look what the booklet for
YUV(180.6670, 22.3492, 65.1900)
contains.

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Color

**YUV(180.6670, 22.3492,
65.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	FF86E2
RGB	255, 134, 226
RGB Percent	100%, 53%, 89%
CMY	0.0000, 0.4745, 0.1137
CMYK	0.00, 0.47, 0.11, 0.00
HSL	314°, 100%, 76%
HSV	314°, 47%, 100%
XYZ	63.4926, 43.8012, 77.0596
YIQ	180.6670, 42.5840, 54.2640

Conversions

Conversions Part 2

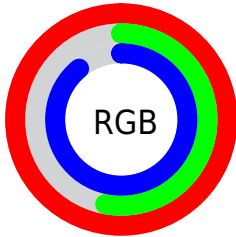
Format	Color
R_{YB}	255, 134, 226
Decimal	16746210
CIE _{Lab}	72.10, 57.36, -26.34
CIE _{LCh}	72, 63.122, 335.333
Yxy	43.8012, 0.3444, 0.2376
Android (android.graphics.Color)	4294936290 (0xFFFF86E2)
YUV	180.6670, 22.3492, 65.1900
Hunter-Lab	66.1825, 55.4258, -22.7066

Details

The YUV color **180.6670, 22.3492, 65.1900** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **208.3330, -22.3492, -65.1900**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8450, 18.8104, 33.4619**, and **124.3570, 22.5020, 62.8309** is the 20% darker color. If you saturate the color by 10%, you get **165.3080, 26.9632, 78.6599**, and if you desaturate by 10%, it is **196.6130, 17.4458, 51.2054**.

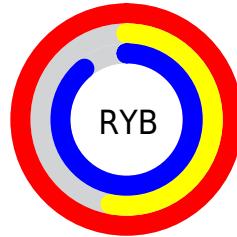
Distribution



Red (100%)

Green (53%)

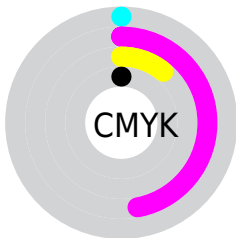
Blue (89%)



Red (100%)

Yellow (53%)

Blue (89%)

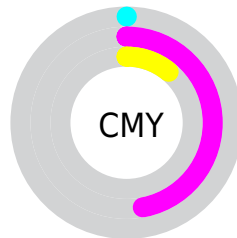


Cyan (0%)

Magenta (47%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (47%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.6670, 22.3492, 65.1900 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 180.6670, 22.3492, 65.1900 by changing the saturation by 10% instead.

 180.6670, 22.3492,
65.1900


 180.6670, 22.3492,
65.1900


255.0000, 0.0000,
0.0000

 152.0690, 22.6440,
63.9605


 216.8450, 18.8104,
33.4619


 124.3570, 22.5020,
62.8309


 233.8680, 10.4181,
18.5328

 95.6990, 23.8124,
62.5310

 251.4780, 1.7363,
3.0888

 63.2310, 27.0011,
66.4494

 44.0900, 24.1126,
59.5571

 33.2810, 17.6095,
45.3576

 23.2980, 11.6851,

32.1877

■ 12.1190, 6.3503,
16.5586

■ 0.0000, 0.0000,
0.0000

■ 180.6670, 22.3492,
65.1900

■ 180.6670, 22.3492,
65.1900

■ 165.3080, 26.9632,
78.6599

■ 196.6130, 17.4458,
51.2054

■ 149.3620, 31.8665,
92.6445

■ 211.9720, 12.8318,
37.7356

■ 134.0030, 36.4805,
106.1144

■ 227.9180, 7.9284,
23.7509

■ 118.0570, 41.3839,
120.0990

■ 243.2770, 3.3144,
10.2811

■ 102.5840, 45.5611, 255.0000, 0.0000,
133.6688 0.0000

■ 98.3610, 47.1500,
137.3724

Harmonies

Analogous

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



178.9360, 37.4996, 12.3341



180.6670, 22.3492, 65.1900



168.2990, 0.3456, 76.0368

Triad

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



180.6670, 22.3492, 65.1900



169.0290, -57.6953, 25.4076



146.7490, 46.9587, -128.6989

Complementary

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



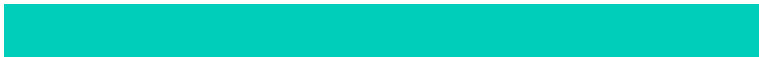
180.6670, 22.3492, 65.1900



208.3330, -22.3492, -65.1900

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.



141.5390, 21.9193, -124.1297



180.6670, 22.3492, 65.1900



162.7440, -42.2718, -21.7005

Square

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



180.6670, 22.3492, 65.1900



173.1060, -50.8313, 63.9280



143.1150, -8.4377, -93.9399



143.5350, 54.9522, -125.8802

Rectangle

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



180.6670, 22.3492, 65.1900



166.9020, -17.6997, 77.2619



143.1150, -8.4377, -93.9399



145.2840, 38.8070, -127.4141

Sweetspot

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



180.6670, 22.3492, 65.1900



232.8420, 6.4869, 19.4326



156.1660, 48.7252, 5.1164



114.4020, 3.7458, 11.9254



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.



180.6670, 22.3492, 65.1900



165.8950, 26.6738, 78.1451



173.8270, -3.8587, 71.1887



119.9130, 2.0149, 7.0923



73.6390, 35.1810, 102.9256



24.6080, 11.5323, 34.5468

Inverse Universe

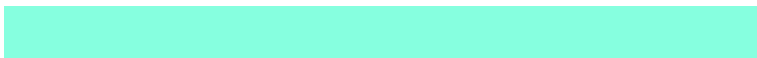
The Inverse Universe completely reimagines the original color for something new.



180.6670, 22.3492, 65.1900



165.8950, 26.6738, 78.1451



215.1730, 3.8587, -71.1887



119.9130, 2.0149, 7.0923



73.6390, 35.1810, 102.9256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 180.6670, 22.3492, 65.1900 looks on a white background.

Color Contrast Check

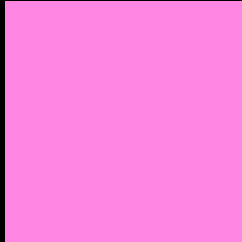
Large Text (above 18pt) WCAG AA × Fail

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 180.6670, 22.3492, 65.1900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

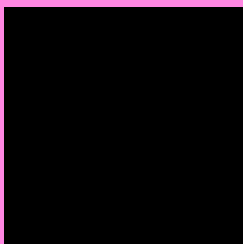
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.6670, 22.3492, 65.1900

Background



This preview shows how black text looks on a background with the YUV color 180.6670, 22.3492, 65.1900.



This preview shows how white text looks on a background with the YUV color 180.6670, 22.3492,

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

180.6670, 22.3492, 65.1900

Protanopia

176.3570, 38.7710, -22.2381

Deuteranopia

178.2440, 20.0927, -4.5990



Tritanopia

179.1540, -9.9359, 60.3779

Trichromacy



Original Color

180.6670, 22.3492, 65.1900



Protanomaly

177.6600, 32.7056, 9.9452



Deuteranomaly

179.3380, 21.0324, 20.7516



Tritanomaly

179.8520, 1.5520, 62.3968

Monochromacy



Original Color

180.6670, 22.3492, 65.1900



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.9180, 7.9284, 23.7509

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6670, 22.3492, 65.1900 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, 134, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 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(255, 134, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 226) }
```

Border

The CSS property to change the border of an element to YUV 180.6670, 22.3492, 65.1900 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, 134, 226) }
```


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

```
.border{ border-color:rgb(255, 134, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 180.6670, 22.3492, 65.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 226) }
```

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

```
.background{ background-color: rgb(255,  
134, 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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