

Converting Colors

Yxy(26.2238, 0.3680, 0.1809)

Have a look what the booklet for
Yxy(26.2238, 0.3680, 0.1809)
contains.

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Color

Yxy(26.2161, 0.3684, 0.1811)

Conversions

Conversions Part 1

Format	Color
Hex	FF07D5
RGB	255, 7, 213
RGB Percent	100%, 3%, 84%
CMY	0.0000, 0.9727, 0.1646
CMYK	0.00, 0.97, 0.16, 0.00
HSL	310°, 100%, 51%
HSV	310°, 97%, 100%
XYZ	53.3297, 26.2161, 65.2145
YIQ	104.6360, 81.6820, 116.6420

Conversions

Conversions Part 2

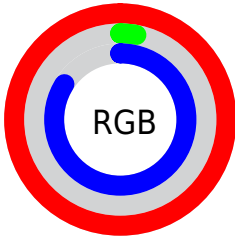
Format	Color
R _Y B	255, 7, 213
Decimal	16713685
CIE Lab	58.24, 92.39, -40.58
CIE LCh	58, 100.909, 336.285
Yxy	26.2161, 0.3684, 0.1811
Android (android.graphics.Color)	4294903765 (0xFFFF07D5)
YUV	104.6360, 53.4235, 131.8692
Hunter-Lab	51.2017, 96.3159, -39.6753

Details

The Yxy color **26.2161, 0.3684, 0.1811** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **71.7862, 0.2959, 0.5835**, and the grayscale version is **13.8549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5832, 0.3192, 0.1914**, and **13.8061, 0.3730, 0.1829** is the 20% darker color. If you saturate the color by 10%, you get **26.0056, 0.3700, 0.1812**, and if you desaturate by 10%, it is **27.3456, 0.3623, 0.1823**.

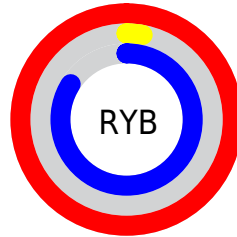
Distribution



Red (100%)

Green (3%)

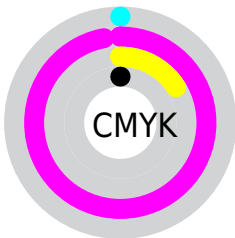
Blue (84%)



Red (100%)

Yellow (3%)

Blue (84%)

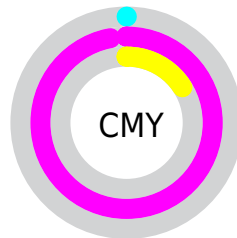


Cyan (0%)

Magenta (97%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (97%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2161, 0.3684, 0.1811 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 Yxy color 26.2161, 0.3684, 0.1811 by changing the saturation by 10% instead.


 26.2161, 0.3684,
0.1811


 26.2161, 0.3684,
0.1811


283.8413, 0.3433,
0.2500


 16.9854, 0.3737,
0.1658


 53.6234, 0.3599,
0.2048


 10.2241, 0.3800,
0.1472


 72.5687, 0.3566,
0.2141


 5.5478, 0.3875,
0.1246


 95.5210, 0.3536,
0.2221

 2.5721, 0.3960,
0.0969

 122.8647, 0.3510,
0.2291

 0.9127, 0.4051,
0.0637

 154.9842, 0.3488,
0.2353

 0.0000, 0.4236,
0.0000

192.2639, 0.3467,


 0.0000, 0.4080,


0.2407

0.0000


235.0881, 0.3449,
0.2456


 0.0000, 0.0000,
0.0000

 26.2161, 0.3684,
0.1811


 26.2161, 0.3684,
0.1811


 26.0056, 0.3700,
0.1812

 27.3456, 0.3623,
0.1823

 29.5379, 0.3559,
0.1881

 33.0072, 0.3492,
0.1984

 37.9190, 0.3426,
0.2129

 44.4141, 0.3362,
0.2306

■ 52.6165, 0.3302,
0.2505

■ 62.6378, 0.3247,
0.2716

■ 74.5803, 0.3198,
0.2930

■ 88.5386, 0.3155,
0.3141

Harmonies

Analogous

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



26.2161, 0.2160, 0.1360



26.2161, 0.3684, 0.1811



26.2161, 0.5405, 0.2510

Triad

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



26.2161, 0.3684, 0.1811



26.2161, 0.4610, 0.5389



26.2161, 0.0817, 0.2071

Complementary

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



26.2161, 0.3684, 0.1811



71.7862, 0.2959, 0.5835

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.



26.2161, 0.1138, 0.3699



26.2161, 0.3684, 0.1811



26.2161, 0.3270, 0.6393

Square

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



26.2161, 0.3684, 0.1811



26.2161, 0.5711, 0.4199



26.2161, 0.2025, 0.5921



26.2161, 0.0880, 0.1391

Rectangle

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



26.2161, 0.3684, 0.1811



26.2161, 0.6067, 0.3025



26.2161, 0.2025, 0.5921



26.2161, 0.0872, 0.2485

Sweetspot

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



26.2164, 0.3684, 0.1811



60.7680, 0.3256, 0.2679



8.0070, 0.1580, 0.0654



12.0727, 0.3279, 0.2588



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.2164, 0.3684, 0.1811



26.0056, 0.3700, 0.1812



22.1433, 0.5612, 0.2880



18.2445, 0.3164, 0.3095



13.6079, 0.3691, 0.1807



1.3383, 0.3626, 0.1771

Inverse Universe

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



26.2164, 0.3684, 0.1811



26.0056, 0.3700, 0.1812



74.5559, 0.2561, 0.4407



18.2445, 0.3164, 0.3095



13.6079, 0.3691, 0.1807



1.3383, 0.3626, 0.1771

Previews

White Background



This preview shows how the Yxy color 26.2161, 0.3684, 0.1811 looks on a white background.

Color Contrast Check

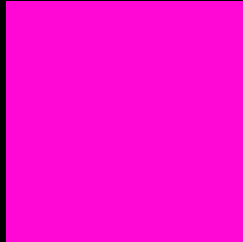
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.2161, 0.3684, 0.1811 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 × Fail

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

Yxy 26.2161, 0.3684, 0.1811

Background



This preview shows how black text looks on a background with the Yxy color 26.2161, 0.3684, 0.1811.



This preview shows how white text looks on a background with the Yxy color 26.2161, 0.3684, 0.1811.

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

26.2161, 0.3684, 0.1811

Protanopia

26.8607, 0.1955, 0.1728

Deuteranopia

26.5573, 0.2431, 0.2368



Tritanopia

26.2950, 0.5228, 0.3251

Trichromacy



Original Color

26.2161, 0.3684, 0.1811



Protanomaly

19.5329, 0.2288, 0.1447



Deuteranomaly

20.2148, 0.2781, 0.1819



Tritanomaly

24.5060, 0.4733, 0.2610

Monochromacy



Original Color

26.2161, 0.3684, 0.1811



Achromatopsia

14.1263, 0.3127, 0.3290



Achromatomaly

13.7434, 0.3422, 0.2171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2161, 0.3684, 0.1811 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, 7, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 7, 213)  
}
```

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, 7, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 7, 213) }
```

Border

The CSS property to change the border of an element to Yxy 26.2161, 0.3684, 0.1811 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, 7, 213) }
```

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

```
.border{ border-color:rgb(255, 7, 213) }
```

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

Here you see how a box with a 4 pixel rgb(255, 7, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 7, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 7, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 7,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2161, 0.3684, 0.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 7, 213) }
```

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

```
.background{ background-color: rgb(255, 7,  
213) }
```

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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