

Converting Colors

$Y_{xy}(26.5548, 0.3768, 0.1894)$

Have a look what the booklet for
Yxy(26.5548, 0.3768, 0.1894)
contains.

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Color

Yxy(26.5467, 0.3769, 0.1895)

Conversions

Conversions Part 1

Format	Color
Hex	FF1CCE
RGB	255, 28, 206
RGB Percent	100%, 11%, 81%
CMY	0.0000, 0.8903, 0.1921
CMYK	0.00, 0.89, 0.19, 0.00
HSL	313°, 100%, 55%
HSV	313°, 89%, 100%
XYZ	52.7992, 26.5467, 60.7422
YIQ	116.1650, 78.1540, 103.4820

Conversions

Conversions Part 2

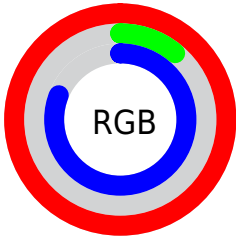
Format	Color
R _Y B	255, 28, 206
Decimal	16719054
CIE Lab	58.55, 89.68, -36.10
CIE LCh	59, 96.671, 338.071
Yxy	26.5467, 0.3769, 0.1895
Android (android.graphics.Color)	4294909134 (0xFFFF1CCE)
YUV	116.1650, 44.2887, 121.7583
Hunter-Lab	51.5235, 92.7536, -33.8319

Details

The Yxy color **26.5467, 0.3769, 0.1895** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **72.3020, 0.2916, 0.5611**, and the grayscale version is **17.3586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6319, 0.3190, 0.1949**, and **13.5718, 0.3852, 0.1896** is the 20% darker color. If you saturate the color by 10%, you get **25.5079, 0.3850, 0.1898**, and if you desaturate by 10%, it is **28.5793, 0.3684, 0.1937**.

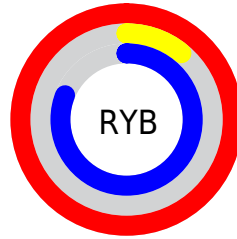
Distribution



Red (100%)

Green (11%)

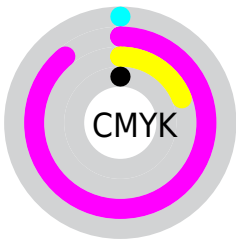
Blue (81%)



Red (100%)

Yellow (11%)

Blue (81%)

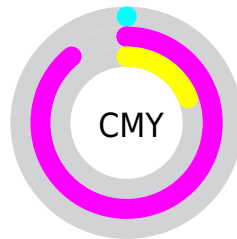


Cyan (0%)

Magenta (89%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (89%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5467, 0.3769, 0.1895 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 26.5467, 0.3769, 0.1895 by changing the saturation by 10% instead.


 26.5467, 0.3769,
0.1895


 26.5467, 0.3769,
0.1895


285.4556, 0.3467,
0.2552


 17.2331, 0.3837,
0.1746


 54.1556, 0.3664,
0.2123


 10.4008, 0.3920,
0.1565


 73.2197, 0.3624,
0.2212


 5.6655, 0.4023,
0.1341


 96.3027, 0.3588,
0.2288

 2.6428, 0.4150,
0.1062

 123.7890, 0.3558,
0.2355

 0.9482, 0.4305,
0.0718

 156.0631, 0.3531,
0.2413

 0.0000, 0.4632,
0.0000

193.5093, 0.3507,

 0.0000, 0.4621,

0.2465

0.0000

236.5120, 0.3486,
0.2511

■ 0.0000, 0.0000,
0.0000

■ 26.5467, 0.3769,
0.1895

■ 26.5467, 0.3769,
0.1895

■ 25.5079, 0.3850,
0.1898

■ 28.5793, 0.3684,
0.1937

■ 25.4290, 0.3858,
0.1899

■ 31.8599, 0.3597,
0.2026

■ 36.5596, 0.3511,
0.2158

■ 42.8228, 0.3429,
0.2322

■ 50.7763, 0.3352,
0.2510

60.5335, 0.3283,
0.2710

72.1983, 0.3222,
0.2914

85.8665, 0.3169,
0.3115

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



26.5467, 0.2270, 0.1433



26.5467, 0.3769, 0.1895



26.5467, 0.5387, 0.2593

Triad

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



26.5467, 0.3769, 0.1895



26.5467, 0.4517, 0.5409



26.5467, 0.0873, 0.2067

Complementary

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



26.5467, 0.3769, 0.1895



72.3020, 0.2916, 0.5611

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.



26.5467, 0.1175, 0.3571



26.5467, 0.3769, 0.1895



26.5467, 0.3235, 0.6299

Square

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



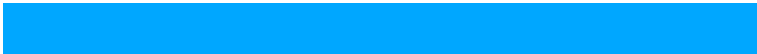
26.5467, 0.3769, 0.1895



26.5467, 0.5596, 0.4277



26.5467, 0.2022, 0.5678



26.5467, 0.0951, 0.1430

Rectangle

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



26.5467, 0.3769, 0.1895



26.5467, 0.5982, 0.3106



26.5467, 0.2022, 0.5678



26.5467, 0.0924, 0.2452

Sweetspot

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



26.5465, 0.3769, 0.1895



62.7409, 0.3270, 0.2751



9.4811, 0.1685, 0.0752



12.6430, 0.3293, 0.2682



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.



26.5465, 0.3769, 0.1895



25.4290, 0.3858, 0.1899



22.9357, 0.5477, 0.2870



18.2293, 0.3171, 0.3106



13.3102, 0.3845, 0.1892



1.3119, 0.3758, 0.1844

Inverse Universe

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



26.5465, 0.3769, 0.1895



25.4290, 0.3858, 0.1899



75.3499, 0.2516, 0.4194



18.2293, 0.3171, 0.3106



13.3102, 0.3845, 0.1892



1.3119, 0.3758, 0.1844

Previews

White Background



This preview shows how the Yxy color 26.5467, 0.3769, 0.1895 looks on a white background.

Color Contrast Check

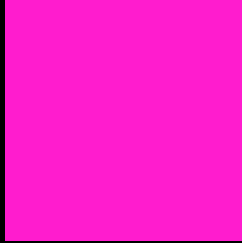
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5467, 0.3769, 0.1895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

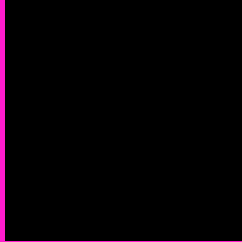
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5467, 0.3769, 0.1895

Background



This preview shows how black text looks on a background with the Yxy color 26.5467, 0.3769, 0.1895.



This preview shows how white text looks on a background with the Yxy color 26.5467, 0.3769, 0.1895.

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

26.5467, 0.3769, 0.1895

Protanopia

27.2360, 0.1966, 0.1744

Deuteranopia

26.6755, 0.2526, 0.2466



Tritanopia

26.4744, 0.5236, 0.3252

Trichromacy



Original Color

26.5467, 0.3769, 0.1895



Protanomaly

20.9608, 0.2334, 0.1553



Deuteranomaly

21.7716, 0.2895, 0.1990



Tritanomaly

25.4725, 0.4748, 0.2684

Monochromacy



Original Color

26.5467, 0.3769, 0.1895



Achromatopsia

17.4647, 0.3127, 0.3290



Achromatomaly

16.7261, 0.3425, 0.2335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5467, 0.3769, 0.1895 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, 28, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 206)  
}
```

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, 28, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 206) }
```

Border

The CSS property to change the border of an element to Yxy 26.5467, 0.3769, 0.1895 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, 28, 206) }
```

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

```
.border{ border-color:rgb(255, 28, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 28, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5467, 0.3769, 0.1895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 206) }
```

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

```
.background{ background-color: rgb(255, 28,  
206) }
```

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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