

Converting Colors

$Y_{xy}(26.5955, 0.3769, 0.1898)$

Have a look what the booklet for
Yxy(26.5955, 0.3769, 0.1898)
contains.

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Color

Yxy(26.5950, 0.3769, 0.1898)

Conversions

Conversions Part 1

Format	Color
Hex	FF1DCE
RGB	255, 29, 206
RGB Percent	100%, 11%, 81%
CMY	0.0001, 0.8858, 0.1923
CMYK	0.00, 0.89, 0.19, 0.00
HSL	313°, 100%, 56%
HSV	313°, 89%, 100%
XYZ	52.8117, 26.5950, 60.7145
YIQ	116.7520, 77.8790, 102.9590

Conversions

Conversions Part 2

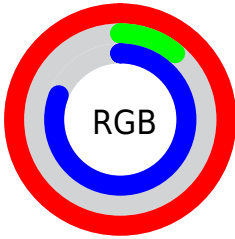
Format	Color
R _Y B	255, 29, 206
Decimal	16719310
CIE _{Lab}	58.60, 89.51, -36.00
CIE _{LCh}	59, 96.482, 338.091
Yxy	26.5950, 0.3769, 0.1898
Android (android.graphics.Color)	4294909390 (0xFFFF1DCE)
YUV	116.7520, 43.9993, 121.2435
Hunter-Lab	51.5703, 92.5485, -33.7037

Details

The Yxy color **26.5950, 0.3769, 0.1898** is a light color, and the websafe version is hex **FF00CC**, and the color name is **hot magenta**. The color can be described as light washed magenta. A complement of this color would be **72.3264, 0.2914, 0.5599**, and the grayscale version is **17.5731, 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 **25.5259, 0.3851, 0.1900**, and if you desaturate by 10%, it is **28.6821, 0.3683, 0.1942**.

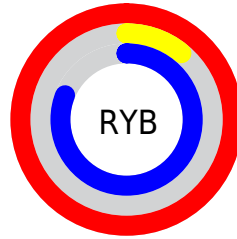
Distribution



Red (100%)

Green (11%)

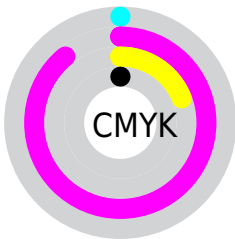
Blue (81%)



Red (100%)

Yellow (11%)

Blue (81%)

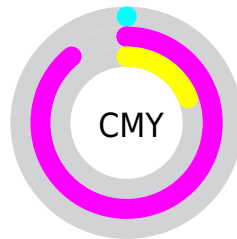


Cyan (0%)

Magenta (89%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (89%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5950, 0.3769, 0.1898 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 26.5950, 0.3769, 0.1898 by changing the saturation by 10% instead.


 26.5950, 0.3769,
0.1898


 26.5950, 0.3769,
0.1898


285.6908, 0.3467,
0.2554


 17.2693, 0.3837,
0.1749


 54.2333, 0.3664,
0.2126

 10.4267, 0.3920,
0.1568


 73.3146, 0.3624,
0.2214

 5.6828, 0.4023,
0.1344


 96.4167, 0.3588,
0.2291

 2.6532, 0.4151,
0.1066

 123.9238, 0.3558,
0.2357

 0.9535, 0.4307,
0.0722

 156.2204, 0.3531,
0.2415

 0.0000, 0.4637,
0.0000

193.6908, 0.3507,

 0.0000, 0.4628,

0.2467

0.0000

236.7195, 0.3486,
0.2513

■ 0.0000, 0.0000,
0.0000

■ 26.5950, 0.3769,
0.1898

■ 26.5950, 0.3769,
0.1898

■ 25.5259, 0.3851,
0.1900

■ 28.6821, 0.3683,
0.1942

■ 25.4104, 0.3863,
0.1902

■ 32.0239, 0.3596,
0.2033


■ 36.7918, 0.3509,
0.2166

■ 43.1292, 0.3427,
0.2332

■ 51.1620, 0.3350,
0.2520

 61.0034, 0.3281,
0.2720

 72.7567, 0.3220,
0.2924

 86.5174, 0.3167,
0.3124

99.9973, 0.3127,
0.3290

Harmonies

Analogous

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



26.5950, 0.2272, 0.1436



26.5950, 0.3769, 0.1898



26.5950, 0.5383, 0.2595

Triad

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



26.5950, 0.3769, 0.1898



26.5950, 0.4515, 0.5407



26.5950, 0.0877, 0.2070

Complementary

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



26.5950, 0.3769, 0.1898



72.3264, 0.2914, 0.5599

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.



26.5950, 0.1178, 0.3569



26.5950, 0.3769, 0.1898



26.5950, 0.3236, 0.6293

Square

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



26.5950, 0.3769, 0.1898



26.5950, 0.5592, 0.4279



26.5950, 0.2025, 0.5670



26.5950, 0.0954, 0.1433

Rectangle

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



26.5950, 0.3769, 0.1898



26.5950, 0.5976, 0.3108



26.5950, 0.2025, 0.5670



26.5950, 0.0927, 0.2453

Sweetspot

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



26.5964, 0.3769, 0.1898



62.7355, 0.3271, 0.2752



9.7264, 0.1708, 0.0768



12.6418, 0.3293, 0.2683



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.



26.5964, 0.3769, 0.1898



25.4135, 0.3863, 0.1902



22.9347, 0.5519, 0.2899



18.2289, 0.3171, 0.3106



13.3022, 0.3850, 0.1894



1.3111, 0.3762, 0.1846

Inverse Universe

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



26.5964, 0.3769, 0.1898



25.4135, 0.3863, 0.1902



75.5353, 0.2500, 0.4135



18.2289, 0.3171, 0.3106



13.3022, 0.3850, 0.1894



1.3111, 0.3762, 0.1846

Previews

White Background



This preview shows how the Yxy color 26.5950, 0.3769, 0.1898 looks on a white background.

Color Contrast Check

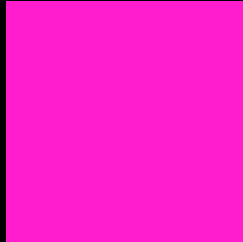
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5950, 0.3769, 0.1898 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 26.5950, 0.3769, 0.1898

Background



This preview shows how black text looks on a background with the Yxy color 26.5950, 0.3769, 0.1898.



This preview shows how white text looks on a background with the Yxy color 26.5950, 0.3769, 0.1898.

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

26.5950, 0.3769, 0.1898

Protanopia

27.2360, 0.1966, 0.1744

Deuteranopia

26.6755, 0.2526, 0.2466



Tritanopia

26.4744, 0.5236, 0.3252

Trichromacy



Original Color

26.5950, 0.3769, 0.1898



Protanomaly

20.9608, 0.2334, 0.1553



Deuteranomaly

21.7716, 0.2895, 0.1990



Tritanomaly

25.4725, 0.4748, 0.2684

Monochromacy



Original Color

26.5950, 0.3769, 0.1898



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

16.8824, 0.3423, 0.2348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5950, 0.3769, 0.1898 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, 29, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 29, 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, 29, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 29, 206) }
```

Border

The CSS property to change the border of an element to Yxy 26.5950, 0.3769, 0.1898 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, 29, 206) }
```

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

```
.border{ border-color:rgb(255, 29, 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, 29, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 29, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 29, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 29,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5950, 0.3769, 0.1898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 29, 206) }
```

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

```
.background{ background-color: rgb(255, 29,  
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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