

Converting Colors

Yxy(26.1544, 0.3850, 0.1936)

Have a look what the booklet for
Yxy(26.1544, 0.3850, 0.1936)
contains.

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Color

Yxy(26.1689, 0.3850, 0.1936)

Conversions

Conversions Part 1

Format	Color
Hex	FF1AC8
RGB	255, 26, 200
RGB Percent	100%, 10%, 78%
CMY	0.0000, 0.8983, 0.2156
CMYK	0.00, 0.90, 0.22, 0.00
HSL	314°, 100%, 55%
HSV	314°, 90%, 100%
XYZ	52.0404, 26.1689, 56.9606
YIQ	114.3070, 80.6300, 102.6620

Conversions

Conversions Part 2

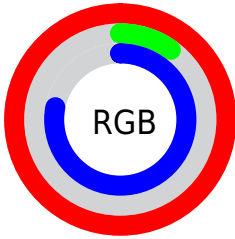
Format	Color
RYB	255, 26, 200
Decimal	16718536
CIELab	58.20, 89.23, -33.23
CIElCh	58, 95.215, 339.577
Yxy	26.1689, 0.3850, 0.1936
Android (android.graphics.Color)	4294908616 (0xFFFF1AC8)
YUV	114.3070, 42.2466, 123.3878
Hunter-Lab	51.1555, 92.0655, -30.2093

Details

The Yxy color **26.1689, 0.3850, 0.1936** 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 **72.3319, 0.2903, 0.5575**, and the grayscale version is **16.7666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4173, 0.3190, 0.1942**, and **13.4128, 0.3942, 0.1945** is the 20% darker color. If you saturate the color by 10%, you get **25.1599, 0.3943, 0.1946**, and if you desaturate by 10%, it is **28.1295, 0.3753, 0.1970**.

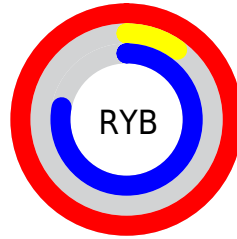
Distribution



Red (100%)

Green (10%)

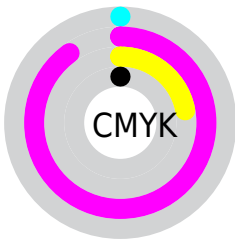
Blue (78%)



Red (100%)

Yellow (10%)

Blue (78%)

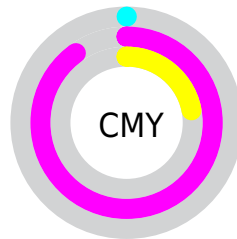


Cyan (0%)

Magenta (90%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1689, 0.3850, 0.1936 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 26.1689, 0.3850, 0.1936 by changing the saturation by 10% instead.


 26.1689, 0.3850,
0.1936

 26.1689, 0.3850,
0.1936


283.6102, 0.3501,
0.2580


 16.9500, 0.3932,
0.1788


 53.5473, 0.3727,
0.2161

 10.1989, 0.4033,
0.1608


 72.4756, 0.3680,
0.2248


 5.5310, 0.4160,
0.1382


 95.4092, 0.3639,
0.2323

 2.5621, 0.4324,
0.1100

 122.7325, 0.3604,
0.2388

 0.9076, 0.4537,
0.0747

 154.8298, 0.3574,
0.2445

 0.0000, 0.4974,
0.0000

192.0856, 0.3547,

 0.0000, 0.5108,

0.2495

0.0000

234.8843, 0.3523,
0.2540

■ 0.0000, 0.0000,
0.0000

■ 26.1689, 0.3850,
0.1936

■ 26.1689, 0.3850,
0.1936

■ 25.1599, 0.3943,
0.1946

■ 28.1295, 0.3753,
0.1970

■ 25.1455, 0.3944,
0.1947

■ 31.3264, 0.3655,
0.2052

■ 35.9321, 0.3558,
0.2176

■ 42.0927, 0.3465,
0.2335

■ 49.9362, 0.3380,
0.2517

■ 59.5772, 0.3303,
0.2711

■ 71.1200, 0.3236,
0.2909

■ 84.6611, 0.3177,
0.3105

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.



26.1689, 0.2338, 0.1461



26.1689, 0.3850, 0.1936



26.1689, 0.5429, 0.2639

Triad

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



26.1689, 0.3850, 0.1936



26.1689, 0.4452, 0.5454



26.1689, 0.0883, 0.2031

Complementary

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



26.1689, 0.3850, 0.1936



72.3319, 0.2903, 0.5575

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.



26.1689, 0.1163, 0.3472



26.1689, 0.3850, 0.1936



26.1689, 0.3180, 0.6289

Square

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



26.1689, 0.3850, 0.1936



26.1689, 0.5539, 0.4332



26.1689, 0.1981, 0.5562



26.1689, 0.0976, 0.1427

Rectangle

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



26.1689, 0.3850, 0.1936



26.1689, 0.5978, 0.3152



26.1689, 0.1981, 0.5562



26.1689, 0.0928, 0.2398

Sweetspot

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



26.1671, 0.3850, 0.1936



62.6419, 0.3283, 0.2767



9.6354, 0.1712, 0.0761



12.6194, 0.3308, 0.2699



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.



26.1671, 0.3850, 0.1936



25.1455, 0.3944, 0.1947



22.6849, 0.5618, 0.2941



18.2214, 0.3175, 0.3111



13.1637, 0.3930, 0.1938



1.2987, 0.3830, 0.1883

Inverse Universe

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



26.1671, 0.3850, 0.1936



25.1455, 0.3944, 0.1947



75.6303, 0.2486, 0.4094



18.2214, 0.3175, 0.3111



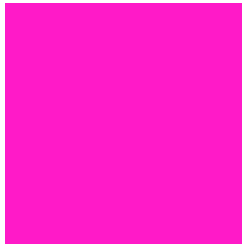
13.1637, 0.3930, 0.1938



1.2987, 0.3830, 0.1883

Previews

White Background



This preview shows how the Yxy color 26.1689, 0.3850, 0.1936 looks on a white background.

Color Contrast Check

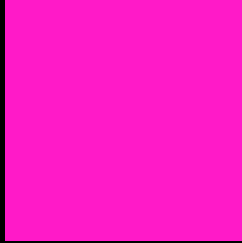
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1689, 0.3850, 0.1936 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 26.1689, 0.3850, 0.1936

Background



This preview shows how black text looks on a background with the Yxy color 26.1689, 0.3850, 0.1936.



This preview shows how white text looks on a background with the Yxy color 26.1689, 0.3850, 0.1936.

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

26.1689, 0.3850, 0.1936

Protanopia

26.8607, 0.1955, 0.1728

Deuteranopia

26.3970, 0.2585, 0.2521



Tritanopia

26.1496, 0.5303, 0.3253

Trichromacy



Original Color

26.1689, 0.3850, 0.1936



Protanomaly

20.4768, 0.2328, 0.1549



Deuteranomaly

21.3538, 0.2977, 0.2035



Tritanomaly

25.0095, 0.4837, 0.2715

Monochromacy



Original Color

26.1689, 0.3850, 0.1936



Achromatopsia

16.8269, 0.3127, 0.3290



Achromatomaly

16.0783, 0.3458, 0.2352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1689, 0.3850, 0.1936 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, 26, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 200)  
}
```

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, 26, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 200) }
```

Border

The CSS property to change the border of an element to Yxy 26.1689, 0.3850, 0.1936 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, 26, 200) }
```

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

```
.border{ border-color:rgb(255, 26, 200) }
```

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

Here you see how a box with a 4 pixel rgb(255, 26, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1689, 0.3850, 0.1936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 200) }
```

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

```
.background{ background-color: rgb(255, 26,  
200) }
```

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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