

Converting Colors

$Y_{xy}(26.6291, 0.3718, 0.1860)$

Have a look what the booklet for
Yxy(26.6291, 0.3718, 0.1860)
contains.

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Color

Yxy(26.6519, 0.3718, 0.1861)

Conversions

Conversions Part 1

Format	Color
Hex	FF1AD2
RGB	255, 26, 210
RGB Percent	100%, 10%, 82%
CMY	0.0000, 0.8982, 0.1764
CMYK	0.00, 0.90, 0.18, 0.00
HSL	312°, 100%, 55%
HSV	312°, 90%, 100%
XYZ	53.2465, 26.6519, 63.3144
YIQ	115.4470, 77.4200, 105.7720

Conversions

Conversions Part 2

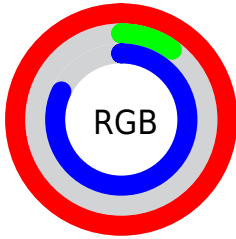
Format	Color
R _{YB}	255, 26, 210
Decimal	16718546
CIE Lab	58.65, 90.41, -38.23
CIE LCh	59, 98.159, 337.081
Yxy	26.6519, 0.3718, 0.1861
Android (android.graphics.Color)	4294908626 (0xFFFF1AD2)
YUV	115.4470, 46.6146, 122.3880
Hunter-Lab	51.6255, 93.7603, -36.5764

Details

The Yxy color **26.6519, 0.3718, 0.1861** 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 **72.1935, 0.2929, 0.5665**, and the grayscale version is **17.1181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4173, 0.3190, 0.1942**, and **13.7040, 0.3782, 0.1857** is the 20% darker color. If you saturate the color by 10%, you get **25.6776, 0.3790, 0.1862**, and if you desaturate by 10%, it is **28.5753, 0.3642, 0.1902**.

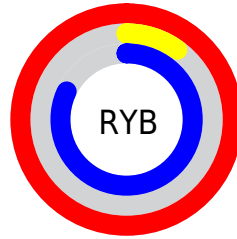
Distribution



Red (100%)

Green (10%)

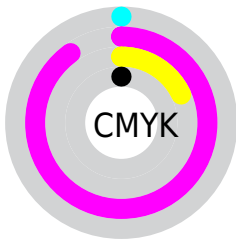
Blue (82%)



Red (100%)

Yellow (10%)

Blue (82%)

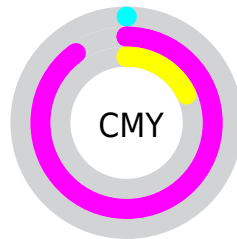


Cyan (0%)

Magenta (90%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6519, 0.3718, 0.1861 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 26.6519, 0.3718, 0.1861 by changing the saturation by 10% instead.


 26.6519, 0.3718,
0.1861


 26.6519, 0.3718,
0.1861


285.9677, 0.3446,
0.2530


 17.3120, 0.3778,
0.1711


 54.3248, 0.3625,
0.2092


 10.4572, 0.3849,
0.1528


 73.4265, 0.3588,
0.2182

 5.7031, 0.3936,
0.1304


 96.5509, 0.3557,
0.2260

 2.6654, 0.4040,
0.1027

 124.0825, 0.3529,
0.2328

 0.9597, 0.4160,
0.0690

 156.4055, 0.3504,
0.2388

 0.0000, 0.4415,
0.0000

193.9045, 0.3483,

 0.0000, 0.4322,

0.2441

0.0000

236.9638, 0.3463,
0.2488

■ 0.0000, 0.0000,
0.0000

■ 26.6519, 0.3718,
0.1861

■ 26.6519, 0.3718,
0.1861

■ 25.6776, 0.3790,
0.1862

■ 28.5753, 0.3642,
0.1902


■ 25.6632, 0.3791,
0.1862

■ 31.7311, 0.3564,
0.1991

■ 36.2919, 0.3486,
0.2122

■ 42.4041, 0.3411,
0.2287

■ 50.1952, 0.3341,
0.2477

 59.7800, 0.3277,
0.2680

 71.2627, 0.3220,
0.2889

 84.7397, 0.3170,
0.3095

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.



26.6519, 0.2219, 0.1407



26.6519, 0.3718, 0.1861



26.6519, 0.5373, 0.2557

Triad

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



26.6519, 0.3718, 0.1861



26.6519, 0.4562, 0.5385



26.6519, 0.0858, 0.2084

Complementary

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



26.6519, 0.3718, 0.1861



72.1935, 0.2929, 0.5665

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.



26.6519, 0.1173, 0.3639



26.6519, 0.3718, 0.1861



26.6519, 0.3265, 0.6321

Square

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



26.6519, 0.3718, 0.1861



26.6519, 0.5642, 0.4239



26.6519, 0.2040, 0.5775



26.6519, 0.0926, 0.1424

Rectangle

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



26.6519, 0.3718, 0.1861



26.6519, 0.6000, 0.3070



26.6519, 0.2040, 0.5775



26.6519, 0.0912, 0.2482

Sweetspot

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



26.6506, 0.3718, 0.1861



62.8203, 0.3260, 0.2739



9.1843, 0.1660, 0.0733



12.6620, 0.3281, 0.2668



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.



26.6506, 0.3718, 0.1861



25.6632, 0.3791, 0.1862



22.8882, 0.5445, 0.2843



18.2356, 0.3168, 0.3101



13.4312, 0.3780, 0.1856



1.3226, 0.3702, 0.1813

Inverse Universe

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



26.6506, 0.3718, 0.1861



25.6632, 0.3791, 0.1862



75.1360, 0.2532, 0.4258



18.2356, 0.3168, 0.3101



13.4312, 0.3780, 0.1856



1.3226, 0.3702, 0.1813

Previews

White Background



This preview shows how the Yxy color 26.6519, 0.3718, 0.1861 looks on a white background.

Color Contrast Check

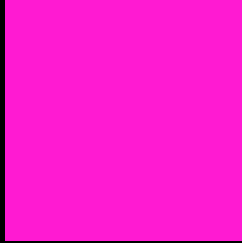
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6519, 0.3718, 0.1861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

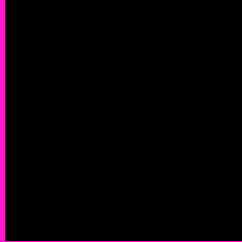
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6519, 0.3718, 0.1861

Background



This preview shows how black text looks on a background with the Yxy color 26.6519, 0.3718, 0.1861.



This preview shows how white text looks on a background with the Yxy color 26.6519, 0.3718, 0.1861.

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

26.6519, 0.3718, 0.1861

Protanopia

27.2360, 0.1966, 0.1744

Deuteranopia

26.9983, 0.2484, 0.2428



Tritanopia

26.6477, 0.5216, 0.3251

Trichromacy



Original Color

26.6519, 0.3718, 0.1861



Protanomaly

20.8924, 0.2321, 0.1529



Deuteranomaly

21.8459, 0.2845, 0.1947



Tritanomaly

25.5278, 0.4717, 0.2664

Monochromacy



Original Color

26.6519, 0.3718, 0.1861



Achromatopsia

17.1441, 0.3127, 0.3290



Achromatomaly

16.4955, 0.3398, 0.2305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6519, 0.3718, 0.1861 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, 210)` looks like.

```
.text, #text, p{  
  color:rgb(255, 26, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 210) }
```

Border

The CSS property to change the border of an element to Yxy 26.6519, 0.3718, 0.1861 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, 210) }
```

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

```
.border{ border-color:rgb(255, 26, 210) }
```

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, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6519, 0.3718, 0.1861 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, 210) }
```

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

```
.background{ background-color: rgb(255, 26,  
210) }
```

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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