

Converting Colors

$Y_{xy}(26.1254, 0.4028, 0.2071)$

Have a look what the booklet for
Yxy(26.1254, 0.4028, 0.2071)
contains.

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Color

Yxy(26.1710, 0.4024, 0.2070)

Conversions

Conversions Part 1

Format	Color
Hex	FF25BB
RGB	255, 37, 187
RGB Percent	100%, 15%, 73%
CMY	0.0000, 0.8550, 0.2667
CMYK	0.00, 0.86, 0.27, 0.00
HSL	319°, 100%, 57%
HSV	319°, 86%, 100%
XYZ	50.8754, 26.1710, 49.3835
YIQ	119.2820, 81.7780, 92.8660

Conversions

Conversions Part 2

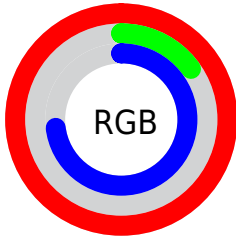
Format	Color
R _Y B	255, 37, 187
Decimal	16721339
CIE Lab	58.20, 86.15, -25.73
CIE LCh	58, 89.908, 343.368
Yxy	26.1710, 0.4024, 0.2070
Android (android.graphics.Color)	4294911419 (0xFFFF25BB)
YUV	119.2820, 33.3850, 119.0247
Hunter-Lab	51.1576, 87.9896, -21.4236

Details

The Yxy color **26.1710, 0.4024, 0.2070** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **72.9322, 0.2844, 0.5309**, and the grayscale version is **18.4092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5413, 0.3299, 0.2060**, and **13.0587, 0.4171, 0.2071** is the 20% darker color. If you saturate the color by 10%, you get **24.7669, 0.4156, 0.2079**, and if you desaturate by 10%, it is **28.6951, 0.3888, 0.2112**.

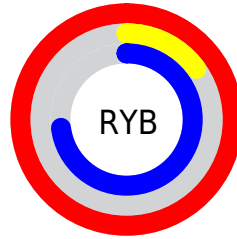
Distribution



Red (100%)

Green (15%)

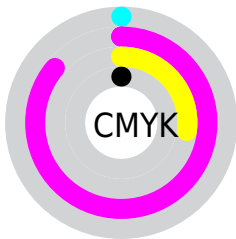
Blue (73%)



Red (100%)

Yellow (15%)

Blue (73%)

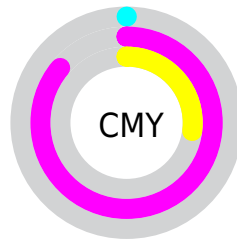


Cyan (0%)

Magenta (86%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (86%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1710, 0.4024, 0.2070 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 26.1710, 0.4024, 0.2070 by changing the saturation by 10% instead.

 26.1710, 0.4024,
0.2070


 26.1710, 0.4024,
0.2070


283.6205, 0.3572,
0.2663


 16.9516, 0.4136,
0.1930


 53.5507, 0.3860,
0.2280


 10.2000, 0.4279,
0.1756


 72.4798, 0.3798,
0.2361


 5.5318, 0.4466,
0.1534


 95.4142, 0.3746,
0.2430

 2.5625, 0.4721,
0.1249

 122.7384, 0.3702,
0.2489

 0.9079, 0.5081,
0.0878

 154.8367, 0.3663,
0.2541

 0.0000, 0.5853,
0.0000

192.0936, 0.3629,

 0.0000, 0.6958,

0.2587

0.0000

234.8934, 0.3599,
0.2627

■ 0.0000, 0.0000,
0.0000

■ 26.1710, 0.4024,
0.2070

■ 26.1710, 0.4024,
0.2070

■ 24.7669, 0.4156,
0.2079

■ 28.6951, 0.3888,
0.2112

■ 24.3736, 0.4215,
0.2095

■ 32.5426, 0.3754,
0.2201

■ 37.8725, 0.3626,
0.2330

■ 44.8224, 0.3508,
0.2487

■ 53.5142, 0.3402,
0.2660

64.0577, 0.3309,
0.2841

76.5541, 0.3228,
0.3022

91.0969, 0.3160,
0.3197

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.



26.1710, 0.2534, 0.1570



26.1710, 0.4024, 0.2070



26.1710, 0.5449, 0.2776

Triad

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



26.1710, 0.4024, 0.2070



26.1710, 0.4289, 0.5521



26.1710, 0.0952, 0.1989

Complementary

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



26.1710, 0.4024, 0.2070



72.9322, 0.2844, 0.5309

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.



26.1710, 0.1185, 0.3252



26.1710, 0.4024, 0.2070



26.1710, 0.3070, 0.6147

Square

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



26.1710, 0.4024, 0.2070



26.1710, 0.5360, 0.4471



26.1710, 0.1925, 0.5193



26.1710, 0.1080, 0.1462

Rectangle

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



26.1710, 0.4024, 0.2070



26.1710, 0.5885, 0.3289



26.1710, 0.1925, 0.5193



26.1710, 0.0984, 0.2310

Sweetspot

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



26.1694, 0.4024, 0.2070



63.4853, 0.3313, 0.2832



11.3887, 0.1848, 0.0868



12.7676, 0.3344, 0.2769



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.



26.1694, 0.4024, 0.2070



24.3736, 0.4215, 0.2095



23.1693, 0.5675, 0.3032



18.1982, 0.3186, 0.3128



12.7638, 0.4194, 0.2084



1.2625, 0.4053, 0.2007

Inverse Universe

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



26.1694, 0.4024, 0.2070



24.3736, 0.4215, 0.2095



76.6358, 0.2427, 0.3849



18.1982, 0.3186, 0.3128



12.7638, 0.4194, 0.2084



1.2625, 0.4053, 0.2007

Previews

White Background



This preview shows how the Yxy color 26.1710, 0.4024, 0.2070 looks on a white background.

Color Contrast Check

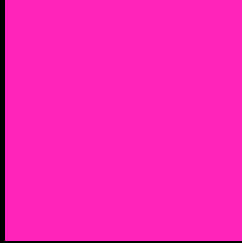
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1710, 0.4024, 0.2070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

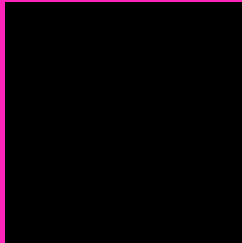
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1710, 0.4024, 0.2070

Background



This preview shows how black text looks on a background with the Yxy color 26.1710, 0.4024, 0.2070.



This preview shows how white text looks on a background with the Yxy color 26.1710, 0.4024, 0.2070.

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

26.1710, 0.4024, 0.2070

Protanopia

26.6222, 0.1956, 0.1716

Deuteranopia

26.2207, 0.2759, 0.2696



Tritanopia

26.1516, 0.5343, 0.3263

Trichromacy



Original Color

26.1710, 0.4024, 0.2070



Protanomaly

20.8473, 0.2372, 0.1621



Deuteranomaly

22.1457, 0.3176, 0.2242



Tritanomaly

25.3713, 0.4929, 0.2797

Monochromacy



Original Color

26.1710, 0.4024, 0.2070



Achromatopsia

18.4475, 0.3127, 0.3290



Achromatomaly

17.4832, 0.3502, 0.2473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1710, 0.4024, 0.2070 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, 37, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 37, 187)  
}
```

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, 37, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 37, 187) }
```

Border

The CSS property to change the border of an element to Yxy 26.1710, 0.4024, 0.2070 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, 37, 187) }
```

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

```
.border{ border-color:rgb(255, 37, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 37, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 37, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 37, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 37,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1710, 0.4024, 0.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 37, 187) }
```

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

```
.background{ background-color: rgb(255, 37,  
187) }
```

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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