

Converting Colors

$Y_{xy}(25.5108, 0.4126, 0.2209)$

Have a look what the booklet for
Yxy(25.5108, 0.4126, 0.2209)
contains.

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Color

Yxy(25.4684, 0.4119, 0.2205)

Conversions

Conversions Part 1

Format	Color
Hex	F834AE
RGB	248, 52, 174
RGB Percent	97%, 20%, 68%
CMY	0.0275, 0.7959, 0.3176
CMYK	0.00, 0.79, 0.30, 0.03
HSL	323°, 93%, 59%
HSV	323°, 79%, 97%
XYZ	47.5757, 25.4684, 42.4589
YIQ	124.5120, 77.6540, 79.4940

Conversions

Conversions Part 2

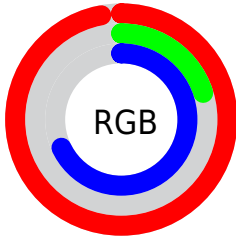
Format	Color
R _Y B	248, 52, 174
Decimal	16266414
CIE Lab	57.53, 80.06, -19.34
CIE LCh	58, 82.364, 346.418
Yxy	25.4684, 0.4119, 0.2205
Android (android.graphics.Color)	4294456494 (0xFFF834AE)
YUV	124.5120, 24.3976, 108.2990
Hunter-Lab	50.4662, 79.9601, -14.5563

Details

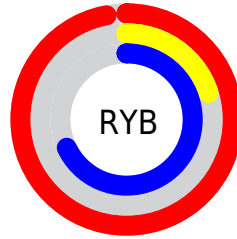
The Yxy color **25.4684, 0.4119, 0.2205** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **69.3622, 0.2784, 0.4983**, and the grayscale version is **20.2408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1668, 0.3420, 0.2211**, and **11.9453, 0.4352, 0.2171** is the 20% darker color. If you saturate the color by 10%, you get **23.4524, 0.4292, 0.2195**, and if you desaturate by 10%, it is **28.6736, 0.3947, 0.2266**.

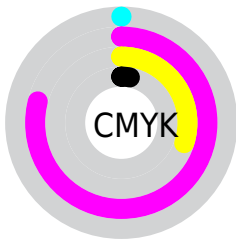
Distribution



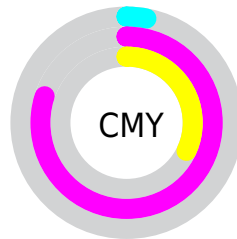
- Red (97%)
- Green (20%)
- Blue (68%)



- Red (97%)
- Yellow (20%)
- Blue (68%)



- Cyan (0%)
- Magenta (79%)
- Yellow (30%)
- Black (3%)





- Cyan (3%)
- Magenta (80%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4684, 0.4119, 0.2205 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 25.4684, 0.4119, 0.2205 by changing the saturation by 10% instead.


 25.4684, 0.4119,
0.2205


 25.4684, 0.4119,
0.2205


280.1626, 0.3605,
0.2746

 16.4264, 0.4252,
0.2072

 52.4161, 0.3928,
0.2400


 9.8264, 0.4425,
0.1905


 71.0905, 0.3858,
0.2474

 5.2840, 0.4657,
0.1687


 93.7446, 0.3799,
0.2537

 2.4148, 0.4985,
0.1398

 120.7626, 0.3748,
0.2591

 0.8335, 0.5472,
0.1004

 152.5291, 0.3705,
0.2637

 0.0000, 0.6558,
0.0000

189.4283, 0.3667,


 0.0000, 1.0000,


0.2678

0.0000

231.8447, 0.3634,
0.2714

 0.0000, 0.0000,
0.0000

 25.4684, 0.4119,
0.2205


 25.4684, 0.4119,
0.2205

 23.4524, 0.4292,
0.2195


 28.6736, 0.3947,
0.2266

 22.3827, 0.4460,
0.2235


 33.2242, 0.3783,
0.2370


 22.2985, 0.4477,
0.2240


 39.2566, 0.3632,
0.2506


 46.8895, 0.3497,
0.2660

 56.2292, 0.3379,
0.2824

 67.3730, 0.3278,
0.2990

 80.4108, 0.3192,
0.3151

 95.4265, 0.3121,
0.3305

 98.6933, 0.3084,
0.3290

Harmonies

Analogous

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



25.4684, 0.2703, 0.1695



25.4684, 0.4119, 0.2205



25.4684, 0.5378, 0.2902

Triad

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



25.4684, 0.4119, 0.2205



25.4684, 0.4167, 0.5512



25.4684, 0.1054, 0.2005

Complementary

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



25.4684, 0.4119, 0.2205



69.3622, 0.2784, 0.4983

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.



25.4684, 0.1254, 0.3118



25.4684, 0.4119, 0.2205



25.4684, 0.3005, 0.5911

Square

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



25.4684, 0.4119, 0.2205



25.4684, 0.5185, 0.4567



25.4684, 0.1927, 0.4856



25.4684, 0.1208, 0.1535

Rectangle

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



25.4684, 0.4119, 0.2205



25.4684, 0.5729, 0.3410



25.4684, 0.1927, 0.4856



25.4684, 0.1077, 0.2290

Sweetspot

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



25.4698, 0.4119, 0.2205



65.5749, 0.3326, 0.2907



13.5131, 0.2036, 0.1040



13.1562, 0.3364, 0.2848



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.



25.4698, 0.4119, 0.2205



24.2055, 0.4396, 0.2215



22.9658, 0.5600, 0.3113



17.4069, 0.3196, 0.3143



12.0757, 0.4451, 0.2226



1.1390, 0.4262, 0.2122

Inverse Universe

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



25.4698, 0.4119, 0.2205



24.2055, 0.4396, 0.2215



73.1217, 0.2385, 0.3623



17.4069, 0.3196, 0.3143



12.0757, 0.4451, 0.2226



1.1390, 0.4262, 0.2122

Previews

White Background



This preview shows how the Yxy color 25.4684, 0.4119, 0.2205 looks on a white background.

Color Contrast Check

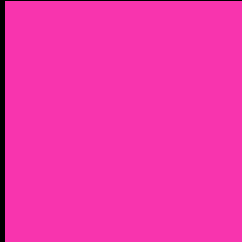
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4684, 0.4119, 0.2205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

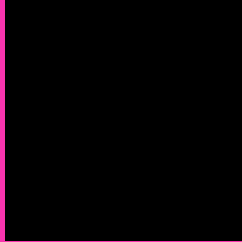
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4684, 0.4119, 0.2205

Background



This preview shows how black text looks on a background with the Yxy color 25.4684, 0.4119, 0.2205.



This preview shows how white text looks on a background with the Yxy color 25.4684, 0.4119, 0.2205.

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

25.4684, 0.4119, 0.2205

Protanopia

25.8098, 0.2098, 0.1904

Deuteranopia

25.5837, 0.2895, 0.2829



Tritanopia

25.4072, 0.5258, 0.3260

Trichromacy



Original Color

25.4684, 0.4119, 0.2205



Protanomaly

21.5320, 0.2570, 0.1852



Deuteranomaly

22.5140, 0.3302, 0.2421



Tritanomaly

25.0476, 0.4890, 0.2859

Monochromacy



Original Color

25.4684, 0.4119, 0.2205



Achromatopsia

20.5079, 0.3127, 0.3290



Achromatomaly

19.2646, 0.3524, 0.2621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4684, 0.4119, 0.2205 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(248, 52, 174)` looks like.

```
.text, #text, p{  
    color:rgb(248, 52, 174)  
}
```

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(248, 52, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 52, 174) }
```

Border

The CSS property to change the border of an element to Yxy 25.4684, 0.4119, 0.2205 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(248, 52, 174) }
```

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

```
.border{ border-color:rgb(248, 52, 174) }
```

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

Here you see how a box with a 4 pixel rgb(248, 52, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 52, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 52, 174);  
box-shadow:4px 4px 4px 4px rgb(248, 52,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4684, 0.4119, 0.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 52, 174) }
```

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

```
.background{ background-color: rgb(248, 52,  
174) }
```

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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