

Converting Colors

$Y_{xy}(28.0585, 0.3998, 0.2388)$

Have a look what the booklet for
Yxy(28.0585, 0.3998, 0.2388)
contains.

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Color

Yxy(28.0585, 0.3998, 0.2388)

Conversions

Conversions Part 1

Format	Color
Hex	F154AD
RGB	241, 84, 173
RGB Percent	95%, 33%, 68%
CMY	0.0551, 0.6703, 0.3217
CMYK	0.00, 0.65, 0.28, 0.06
HSL	326°, 85%, 64%
HSV	326°, 65%, 94%
XYZ	46.9757, 28.0585, 42.4637
YIQ	141.0890, 65.0030, 60.9630

Conversions

Conversions Part 2

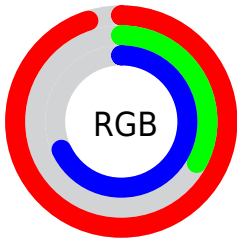
Format	Color
R_{YB}	241, 84, 173
Decimal	15815853
CIE _{Lab}	59.94, 67.99, -15.19
CIE _{LCh}	60, 69.661, 347.406
Yxy	28.0585, 0.3998, 0.2388
Android (android.graphics.Color)	4294005933 (0xFFFF154AD)
YUV	141.0890, 15.7321, 87.6219
Hunter-Lab	52.9703, 65.6013, -10.4508

Details

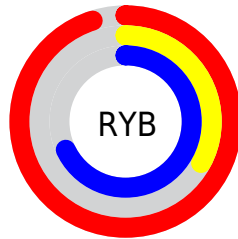
The Yxy color **28.0585, 0.3998, 0.2388** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **67.0404, 0.2749, 0.4520**, and the grayscale version is **26.5995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2074, 0.3416, 0.2432**, and **11.2476, 0.4263, 0.2128** is the 20% darker color. If you saturate the color by 10%, you get **24.5493, 0.4200, 0.2320**, and if you desaturate by 10%, it is **32.8883, 0.3810, 0.2494**.

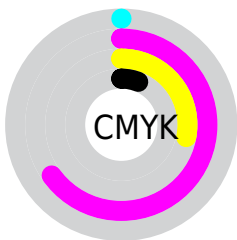
Distribution



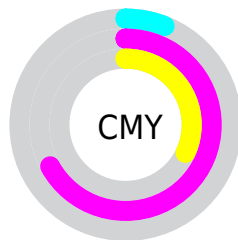
- Red (95%)
- Green (33%)
- Blue (68%)



- Red (95%)
- Yellow (33%)
- Blue (68%)



- Cyan (0%)
- Magenta (65%)
- Yellow (28%)
- Black (6%)




- Cyan (6%)
- Magenta (67%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0585, 0.3998, 0.2388 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 28.0585, 0.3998, 0.2388 by changing the saturation by 10% instead.


 28.0585, 0.3998,
0.2388


 28.0585, 0.3998,
0.2388

292.7463, 0.3546,
0.2841


 18.3698, 0.4115,
0.2275


 56.5778, 0.3830,
0.2553

 11.2158, 0.4269,
0.2132


 76.1772, 0.3768,
0.2614

 6.2122, 0.4476,
0.1943


 99.8489, 0.3716,
0.2667

 2.9745, 0.4772,
0.1686

 127.9774, 0.3672,
0.2712

 1.1184, 0.5221,
0.1321

160.9469, 0.3634,
0.2751

 0.0000, 0.6474,
0.0000

199.1420, 0.3601,

 0.0000, 1.0000,

0.2785

0.0000

242.9470, 0.3572,
0.2815

■ 0.0000, 0.0000,
0.0000

■ 28.0585, 0.3998,
0.2388

■ 28.0585, 0.3998,
0.2388

■ 24.5493, 0.4200,
0.2320

■ 32.8883, 0.3810,
0.2494

■ 22.2173, 0.4407,
0.2301

■ 39.1537, 0.3640,
0.2626


■ 20.8933, 0.4611,
0.2336

■ 46.9620, 0.3492,
0.2773


■ 20.4863, 0.4708,
0.2367

■ 56.4091, 0.3365,
0.2924

■ 67.5831, 0.3257,
0.3075

 80.5655, 0.3167,
0.3219

 95.4329, 0.3092,
0.3356

 97.4329, 0.3041,
0.3290

Harmonies

Analogous

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



28.0585, 0.2823, 0.1919



28.0585, 0.3998, 0.2388



28.0585, 0.5012, 0.3028

Triad

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



28.0585, 0.3998, 0.2388



28.0585, 0.4085, 0.5235



28.0585, 0.1316, 0.2207

Complementary

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



28.0585, 0.3998, 0.2388



67.0404, 0.2749, 0.4520

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.



28.0585, 0.1514, 0.3148



28.0585, 0.3998, 0.2388



28.0585, 0.3073, 0.5390

Square

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



28.0585, 0.3998, 0.2388



28.0585, 0.4928, 0.4525



28.0585, 0.2125, 0.4495



28.0585, 0.1461, 0.1772

Rectangle

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



28.0585, 0.3998, 0.2388



28.0585, 0.5317, 0.3501



28.0585, 0.2125, 0.4495



28.0585, 0.1341, 0.2458

Sweetspot

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



28.0600, 0.3998, 0.2388



70.3234, 0.3308, 0.3001



19.1296, 0.2320, 0.1408



14.3019, 0.3339, 0.2958



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.



28.0600, 0.3998, 0.2388



26.9559, 0.4265, 0.2308



25.9093, 0.5094, 0.3173



15.9089, 0.3204, 0.3157



11.1415, 0.4677, 0.2350



0.9468, 0.4430, 0.2214

Inverse Universe

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



28.0600, 0.3998, 0.2388



26.9559, 0.4265, 0.2308



70.3669, 0.2409, 0.3453



15.9089, 0.3204, 0.3157



11.1415, 0.4677, 0.2350



0.9468, 0.4430, 0.2214

Previews

White Background



This preview shows how the Yxy color 28.0585, 0.3998, 0.2388 looks on a white background.

Color Contrast Check

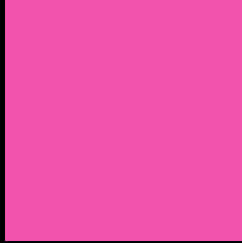
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0585, 0.3998, 0.2388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

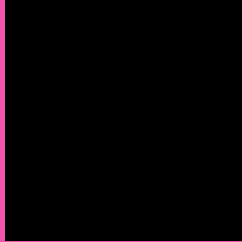
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0585, 0.3998, 0.2388

Background



This preview shows how black text looks on a background with the Yxy color 28.0585, 0.3998, 0.2388.



This preview shows how white text looks on a background with the Yxy color 28.0585, 0.3998, 0.2388.

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

28.0585, 0.3998, 0.2388

Protanopia

28.2454, 0.2354, 0.2240

Deuteranopia

28.1559, 0.2979, 0.2921



Tritanopia

28.0087, 0.4809, 0.3222

Trichromacy



Original Color

28.0585, 0.3998, 0.2388



Protanomaly

25.7374, 0.2803, 0.2215



Deuteranomaly

26.2052, 0.3319, 0.2630



Tritanomaly

27.8212, 0.4529, 0.2906

Monochromacy



Original Color

28.0585, 0.3998, 0.2388



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.0800, 0.3436, 0.2817

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0585, 0.3998, 0.2388 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(241, 84, 173)` looks like.

```
.text, #text, p{  
    color:rgb(241, 84, 173)  
}
```

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(241, 84, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 84, 173) }
```

Border

The CSS property to change the border of an element to Yxy 28.0585, 0.3998, 0.2388 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(241, 84, 173) }
```

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

```
.border{ border-color:rgb(241, 84, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 84, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 84, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 84, 173);  
box-shadow:4px 4px 4px 4px rgb(241, 84,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0585, 0.3998, 0.2388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 84, 173) }
```

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

```
.background{ background-color: rgb(241, 84,  
173) }
```

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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