

Converting Colors

$Y_{xy}(29.3166, 0.4003, 0.2391)$

Have a look what the booklet for
Yxy(29.3166, 0.4003, 0.2391)
contains.

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Color

Yxy(29.3830, 0.4007, 0.2395)

Conversions

Conversions Part 1

Format	Color
Hex	F656B0
RGB	246, 86, 176
RGB Percent	96%, 34%, 69%
CMY	0.0354, 0.6625, 0.3099
CMYK	0.00, 0.65, 0.28, 0.04
HSL	326°, 90%, 65%
HSV	326°, 65%, 96%
XYZ	49.1598, 29.3830, 44.1420
YIQ	144.1000, 66.4700, 61.9100

Conversions

Conversions Part 2

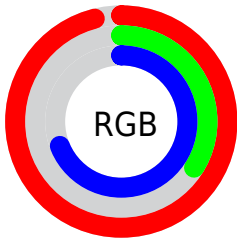
Format	Color
R _{YB}	246, 86, 176
Decimal	16144048
CIE Lab	61.12, 68.95, -15.06
CIE LCh	61, 70.573, 347.679
Yxy	29.3830, 0.4007, 0.2395
Android (android.graphics.Color)	4294334128 (0xFFFF656B0)
YUV	144.1000, 15.7267, 89.3663
Hunter-Lab	54.2061, 67.0219, -10.3377

Details

The Yxy color **29.3830, 0.4007, 0.2395** 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 **70.2744, 0.2746, 0.4509**, and the grayscale version is **27.8549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3370, 0.3376, 0.2424**, and **11.9777, 0.4291, 0.2152** is the 20% darker color. If you saturate the color by 10%, you get **25.6976, 0.4212, 0.2328**, and if you desaturate by 10%, it is **34.4562, 0.3816, 0.2501**.

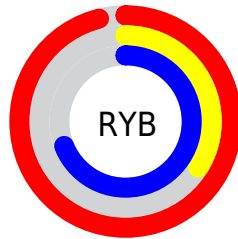
Distribution



Red (96%)

Green (34%)

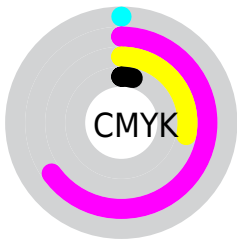
Blue (69%)



Red (96%)

Yellow (34%)

Blue (69%)

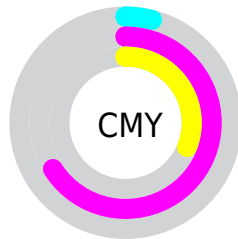


Cyan (0%)

Magenta (65%)

Yellow (28%)

Black (4%)



Cyan (4%)


Magenta (66%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.3830, 0.4007, 0.2395 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 29.3830, 0.4007, 0.2395 by changing the saturation by 10% instead.


 29.3830, 0.4007,
0.2395


 29.3830, 0.4007,
0.2395


299.0178, 0.3553,
0.2842


 19.3707, 0.4124,
0.2285


 58.6850, 0.3839,
0.2557

 11.9385, 0.4276,
0.2145


 78.7436, 0.3777,
0.2617

 6.7018, 0.4481,
0.1962


 102.9198, 0.3725,
0.2669

 3.2763, 0.4771,
0.1713

 131.5979, 0.3680,
0.2713

 1.2776, 0.5207,
0.1363

165.1623, 0.3642,
0.2752

 0.1238, 0.6246,
0.0350

203.9976, 0.3608,

 0.0000, 1.0000,

0.2786

0.0000

248.4879, 0.3579,
0.2815

■ 0.0000, 0.0000,
0.0000

■ 29.3830, 0.4007,
0.2395

■ 29.3830, 0.4007,
0.2395

■ 25.6976, 0.4212,
0.2328

■ 34.4562, 0.3816,
0.2501

■ 23.2493, 0.4422,
0.2309

■ 41.0381, 0.3645,
0.2632


■ 21.8601, 0.4629,
0.2345


■ 49.2415, 0.3495,
0.2777


■ 21.4310, 0.4729,
0.2379

■ 59.1672, 0.3366,
0.2928

■ 70.9077, 0.3258,
0.3077

 84.5489, 0.3167,
0.3221

 98.0931, 0.3092,
0.3325

 98.3269, 0.3072,
0.3290

Harmonies

Analogous

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



29.3830, 0.2834, 0.1925



29.3830, 0.4007, 0.2395



29.3830, 0.5014, 0.3035

Triad

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



29.3830, 0.4007, 0.2395



29.3830, 0.4075, 0.5236



29.3830, 0.1319, 0.2204

Complementary

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



29.3830, 0.4007, 0.2395



70.2744, 0.2746, 0.4509

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.



29.3830, 0.1514, 0.3138



29.3830, 0.4007, 0.2395



29.3830, 0.3064, 0.5381

Square

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



29.3830, 0.4007, 0.2395



29.3830, 0.4919, 0.4531



29.3830, 0.2120, 0.4479



29.3830, 0.1466, 0.1773

Rectangle

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



29.3830, 0.4007, 0.2395



29.3830, 0.5314, 0.3508



29.3830, 0.2120, 0.4479



29.3830, 0.1343, 0.2453

Sweetspot

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



29.3845, 0.4007, 0.2395



70.3106, 0.3310, 0.3003



20.3189, 0.2343, 0.1419



14.2988, 0.3341, 0.2961



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.



29.3845, 0.4007, 0.2395



26.9232, 0.4278, 0.2316



27.1086, 0.5129, 0.3198



16.6386, 0.3205, 0.3158



11.4712, 0.4697, 0.2361



1.0288, 0.4459, 0.2230

Inverse Universe

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



29.3845, 0.4007, 0.2395



26.9232, 0.4278, 0.2316



73.8885, 0.2399, 0.3420



16.6386, 0.3205, 0.3158



11.4712, 0.4697, 0.2361



1.0288, 0.4459, 0.2230

Previews

White Background



This preview shows how the Yxy color 29.3830, 0.4007, 0.2395 looks on a white background.

Color Contrast Check

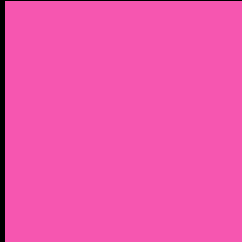
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3830, 0.4007, 0.2395 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 29.3830, 0.4007, 0.2395

Background



This preview shows how black text looks on a background with the Yxy color 29.3830, 0.4007, 0.2395.



This preview shows how white text looks on a background with the Yxy color 29.3830, 0.4007, 0.2395.

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

29.3830, 0.4007, 0.2395

Protanopia

29.5237, 0.2365, 0.2256

Deuteranopia

29.5088, 0.3001, 0.2943



Tritanopia

29.3299, 0.4801, 0.3233

Trichromacy



Original Color

29.3830, 0.4007, 0.2395



Protanomaly

27.0519, 0.2819, 0.2234



Deuteranomaly

27.6330, 0.3349, 0.2657



Tritanomaly

29.1201, 0.4527, 0.2921

Monochromacy



Original Color

29.3830, 0.4007, 0.2395



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.3900, 0.3442, 0.2826

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3830, 0.4007, 0.2395 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(246, 86, 176)` looks like.

```
.text, #text, p{  
    color:rgb(246, 86, 176)  
}
```

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(246, 86, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 86, 176) }
```

Border

The CSS property to change the border of an element to Yxy 29.3830, 0.4007, 0.2395 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(246, 86, 176) }
```

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

```
.border{ border-color:rgb(246, 86, 176) }
```

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

Here you see how a box with a 4 pixel rgb(246, 86, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 86, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 86, 176);  
box-shadow:4px 4px 4px 4px rgb(246, 86,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3830, 0.4007, 0.2395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 86, 176) }
```

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

```
.background{ background-color: rgb(246, 86,  
176) }
```

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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