

Converting Colors

$Y_{xy}(30.6156, 0.3907, 0.2374)$

Have a look what the booklet for
Yxy(30.6156, 0.3907, 0.2374)
contains.

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Color

Yxy(30.6660, 0.3902, 0.2375)

Conversions

Conversions Part 1

Format	Color
Hex	F65CB7
RGB	246, 92, 183
RGB Percent	96%, 36%, 72%
CMY	0.0353, 0.6392, 0.2823
CMYK	0.00, 0.63, 0.26, 0.04
HSL	325°, 90%, 66%
HSV	325°, 63%, 96%
XYZ	50.3826, 30.6660, 48.0714
YIQ	148.4200, 62.5730, 60.9490

Conversions

Conversions Part 2

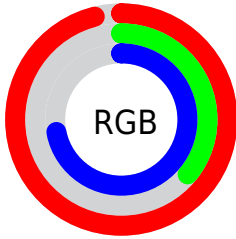
Format	Color
R _{YB}	246, 92, 183
Decimal	16145591
CIE Lab	62.22, 67.48, -17.42
CIE LCh	62, 69.691, 345.525
Yxy	30.6660, 0.3902, 0.2375
Android (android.graphics.Color)	4294335671 (0xFFFF65CB7)
YUV	148.4200, 17.0479, 85.5777
Hunter-Lab	55.3769, 65.4921, -12.7044

Details

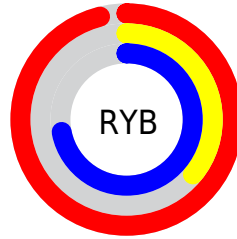
The Yxy color **30.6660, 0.3902, 0.2375** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **70.5557, 0.2771, 0.4517**, and the grayscale version is **29.7075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3047, 0.3310, 0.2409**, and **12.6636, 0.4131, 0.2128** is the 20% darker color. If you saturate the color by 10%, you get **26.6710, 0.4087, 0.2291**, and if you desaturate by 10%, it is **36.0771, 0.3730, 0.2494**.

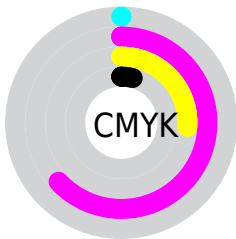
Distribution



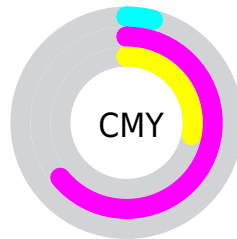
- Red (96%)
- Green (36%)
- Blue (72%)



- Red (96%)
- Yellow (36%)
- Blue (72%)



- Cyan (0%)
- Magenta (63%)
- Yellow (26%)
- Black (4%)




- Cyan (4%)
- Magenta (64%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.6660, 0.3902, 0.2375 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 30.6660, 0.3902, 0.2375 by changing the saturation by 10% instead.


 30.6660, 0.3902,
0.2375


 30.6660, 0.3902,
0.2375


304.9966, 0.3508,
0.2826


 20.3447, 0.4002,
0.2265


 60.7138, 0.3758,
0.2537

 12.6458, 0.4130,
0.2127


 81.2091, 0.3704,
0.2598

 7.1851, 0.4301,
0.1947


 105.8645, 0.3658,
0.2651

 3.5781, 0.4541,
0.1706

 135.0643, 0.3620,
0.2696

 1.4405, 0.4894,
0.1370

169.1931, 0.3586,
0.2735

 0.2463, 0.5638,
0.0586

208.6351, 0.3557,

 0.0000, 0.7471,

0.2769

0.0000

253.7748, 0.3531,
0.2799

■ 0.0000, 0.0000,
0.0000

■ 30.6660, 0.3902,
0.2375

■ 30.6660, 0.3902,
0.2375

■ 26.6710, 0.4087,
0.2291

■ 36.0771, 0.3730,
0.2494

■ 23.9473, 0.4280,
0.2254

■ 43.0213, 0.3576,
0.2636

■ 22.3270, 0.4470,
0.2270

■ 51.6084, 0.3441,
0.2790


■ 21.6498, 0.4608,
0.2312

■ 61.9370, 0.3326,
0.2948

■ 74.0977, 0.3228,
0.3104

 88.1749, 0.3146,
0.3253

 98.2340, 0.3081,
0.3305

 98.3336, 0.3072,
0.3290

Harmonies

Analogous

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



30.6660, 0.2769, 0.1928



30.6660, 0.3902, 0.2375



30.6660, 0.4913, 0.2998

Triad

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



30.6660, 0.3902, 0.2375



30.6660, 0.4132, 0.5157



30.6660, 0.1355, 0.2280

Complementary

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



30.6660, 0.3902, 0.2375



70.5557, 0.2771, 0.4517

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.



30.6660, 0.1578, 0.3232



30.6660, 0.3902, 0.2375



30.6660, 0.3146, 0.5343

Square

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



30.6660, 0.3902, 0.2375



30.6660, 0.4932, 0.4462



30.6660, 0.2205, 0.4534



30.6660, 0.1477, 0.1822

Rectangle

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



30.6660, 0.3902, 0.2375



30.6660, 0.5246, 0.3462



30.6660, 0.2205, 0.4534



30.6660, 0.1388, 0.2538

Sweetspot

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



30.6676, 0.3902, 0.2375



71.6767, 0.3289, 0.3004



21.1396, 0.2336, 0.1464



14.5681, 0.3318, 0.2959



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.



30.6676, 0.3902, 0.2375



28.0641, 0.4136, 0.2277



28.3180, 0.4947, 0.3148



16.6469, 0.3201, 0.3151



11.5840, 0.4578, 0.2296



1.0385, 0.4359, 0.2175

Inverse Universe

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



30.6676, 0.3902, 0.2375



28.0641, 0.4136, 0.2277



73.9366, 0.2434, 0.3479



16.6469, 0.3201, 0.3151



11.5840, 0.4578, 0.2296



1.0385, 0.4359, 0.2175

Previews

White Background



This preview shows how the Yxy color 30.6660, 0.3902, 0.2375 looks on a white background.

Color Contrast Check

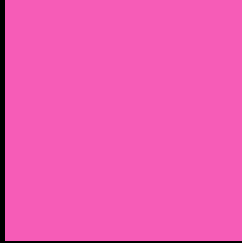
Large Text (above 18pt) WCAG AA × Fail

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 30.6660, 0.3902, 0.2375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

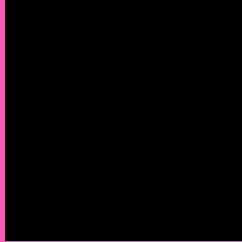
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6660, 0.3902, 0.2375

Background



This preview shows how black text looks on a background with the Yxy color 30.6660, 0.3902, 0.2375.



This preview shows how white text looks on a background with the Yxy color 30.6660, 0.3902, 0.2375.

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

30.6660, 0.3902, 0.2375

Protanopia

30.9216, 0.2352, 0.2237

Deuteranopia

30.8326, 0.2939, 0.2877



Tritanopia

30.5113, 0.4677, 0.3211

Trichromacy



Original Color

30.6660, 0.3902, 0.2375



Protanomaly

28.4768, 0.2780, 0.2225



Deuteranomaly

28.9579, 0.3257, 0.2612



Tritanomaly

30.2734, 0.4408, 0.2894

Monochromacy



Original Color

30.6660, 0.3902, 0.2375



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

28.2019, 0.3409, 0.2834

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6660, 0.3902, 0.2375 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, 92, 183)` looks like.

```
.text, #text, p{  
    color:rgb(246, 92, 183)  
}
```

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, 92, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 92, 183) }
```

Border

The CSS property to change the border of an element to Yxy 30.6660, 0.3902, 0.2375 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, 92, 183) }
```

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

```
.border{ border-color:rgb(246, 92, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 92, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 92, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 92, 183);  
box-shadow:4px 4px 4px 4px rgb(246, 92,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6660, 0.3902, 0.2375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 92, 183) }
```

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

```
.background{ background-color: rgb(246, 92,  
183) }
```

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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