

Converting Colors

$Y_{xy}(34.9379, 0.3877, 0.2609)$

Have a look what the booklet for
Yxy(34.9379, 0.3877, 0.2609)
contains.

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Color

Yxy(34.9692, 0.3877, 0.2606)

Conversions

Conversions Part 1

Format	Color
Hex	F573B4
RGB	245, 115, 180
RGB Percent	96%, 45%, 71%
CMY	0.0392, 0.5490, 0.2941
CMYK	0.00, 0.53, 0.27, 0.04
HSL	330°, 87%, 71%
HSV	330°, 53%, 96%
XYZ	52.0244, 34.9692, 47.1937
YIQ	161.2800, 56.6150, 47.7750

Conversions

Conversions Part 2

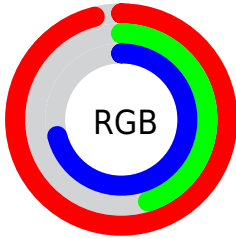
Format	Color
R _Y B	245, 115, 180
Decimal	16085940
CIE Lab	65.72, 56.74, -10.45
CIE LCh	66, 57.696, 349.562
Yxy	34.9692, 0.3877, 0.2606
Android (android.graphics.Color)	4294276020 (0xFFFF573B4)
YUV	161.2800, 9.2290, 73.4224
Hunter-Lab	59.1348, 53.5513, -5.9232

Details

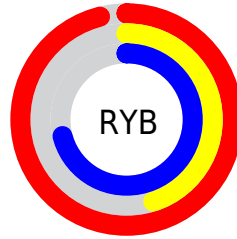
The Yxy color **34.9692, 0.3877, 0.2606** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72.2417, 0.2744, 0.4133**, and the grayscale version is **35.7160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4419, 0.3317, 0.2639**, and **15.0993, 0.4111, 0.2420** is the 20% darker color. If you saturate the color by 10%, you get **29.6285, 0.4097, 0.2508**, and if you desaturate by 10%, it is **41.8418, 0.3682, 0.2726**.

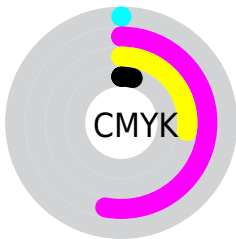
Distribution



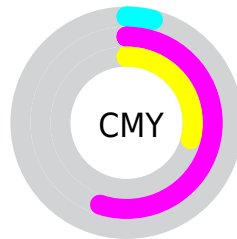
- Red (96%)
- Green (45%)
- Blue (71%)



- Red (96%)
- Yellow (45%)
- Blue (71%)



- Cyan (0%)
- Magenta (53%)
- Yellow (27%)
- Black (4%)




- Cyan (4%)
- Magenta (55%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9692, 0.3877, 0.2606 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 34.9692, 0.3877, 0.2606 by changing the saturation by 10% instead.

 34.9692, 0.3877,
0.2606


 34.9692, 0.3877,
0.2606


324.4324, 0.3495,
0.2946

 23.6392, 0.3974,
0.2522


 67.4381, 0.3736,
0.2729

 15.0662, 0.4101,
0.2416


 89.3456, 0.3684,
0.2775

 8.8658, 0.4270,
0.2275


 115.5479, 0.3640,
0.2814

 4.6538, 0.4508,
0.2084

146.4291, 0.3602,
0.2848

 2.0456, 0.4867,
0.1808

182.3738, 0.3570,
0.2877

 0.6338, 0.5483,
0.1344

223.7663, 0.3542,

 0.0000, 0.8133,

0.2903

0.0000


270.9910, 0.3517,
0.2926


 0.0000, 0.0000,
0.0000

 34.9692, 0.3877,
0.2606


 34.9692, 0.3877,
0.2606

 29.6285, 0.4097,
0.2508


 41.8418, 0.3682,
0.2726


 25.6931, 0.4337,
0.2446


 50.3495, 0.3514,
0.2858


 23.0242, 0.4587,
0.2431

 60.5924, 0.3371,
0.2994

 21.4519, 0.4832,
0.2471

 72.6611, 0.3252,
0.3126

 20.8294, 0.4996,
0.2526

 86.6398, 0.3154,
0.3253

98.0551, 0.3074,
0.3304

98.1514, 0.3066,
0.3290

Harmonies

Analogous

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



34.9692, 0.2966, 0.2193



34.9692, 0.3877, 0.2606



34.9692, 0.4624, 0.3163

Triad

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



34.9692, 0.3877, 0.2606



34.9692, 0.3906, 0.4867



34.9692, 0.1641, 0.2418

Complementary

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



34.9692, 0.3877, 0.2606



72.2417, 0.2744, 0.4133

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.



34.9692, 0.1810, 0.3149



34.9692, 0.3877, 0.2606



34.9692, 0.3081, 0.4834

Square

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



34.9692, 0.3877, 0.2606



34.9692, 0.4572, 0.4406



34.9692, 0.2314, 0.4123



34.9692, 0.1782, 0.2052

Rectangle

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



34.9692, 0.3877, 0.2606



34.9692, 0.4854, 0.3574



34.9692, 0.2314, 0.4123



34.9692, 0.1661, 0.2620

Sweetspot

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



34.9709, 0.3877, 0.2606



75.4297, 0.3286, 0.3087



28.3015, 0.2576, 0.1781



15.5526, 0.3310, 0.3060



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.



34.9709, 0.3877, 0.2606



31.9128, 0.4122, 0.2500



32.9637, 0.4666, 0.3272



16.6208, 0.3215, 0.3172



11.2498, 0.4960, 0.2506



1.0095, 0.4681, 0.2352

Inverse Universe

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



34.9709, 0.3877, 0.2606



31.9128, 0.4122, 0.2500



75.4074, 0.2455, 0.3314



16.6208, 0.3215, 0.3172



11.2498, 0.4960, 0.2506



1.0095, 0.4681, 0.2352

Previews

White Background



This preview shows how the Yxy color 34.9692, 0.3877, 0.2606 looks on a white background.

Color Contrast Check

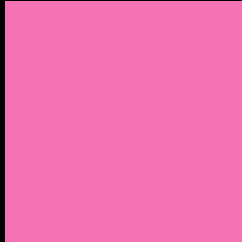
Large Text (above 18pt) WCAG AA × Fail

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 34.9692, 0.3877, 0.2606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

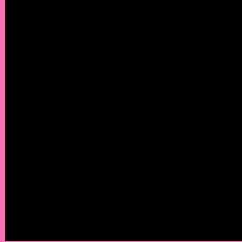
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9692, 0.3877, 0.2606

Background



This preview shows how black text looks on a background with the Yxy color 34.9692, 0.3877, 0.2606.



This preview shows how white text looks on a background with the Yxy color 34.9692, 0.3877, 0.2606.

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

34.9692, 0.3877, 0.2606

Protanopia

35.1682, 0.2617, 0.2586

Deuteranopia

35.2291, 0.3100, 0.3051



Tritanopia

35.0892, 0.4363, 0.3196

Trichromacy



Original Color

34.9692, 0.3877, 0.2606



Protanomaly

33.3683, 0.3005, 0.2560



Deuteranomaly

34.0547, 0.3367, 0.2839



Tritanomaly

34.7864, 0.4183, 0.2967

Monochromacy



Original Color

34.9692, 0.3877, 0.2606



Achromatopsia

35.6400, 0.3127, 0.3290



Achromatomaly

33.9801, 0.3392, 0.2972

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9692, 0.3877, 0.2606 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(245, 115, 180)` looks like.

```
.text, #text, p{  
    color:rgb(245, 115, 180)  
}
```

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(245, 115, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 115, 180) }
```

Border

The CSS property to change the border of an element to Yxy 34.9692, 0.3877, 0.2606 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(245, 115, 180) }
```

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

```
.border{ border-color:rgb(245, 115, 180) }
```

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

Here you see how a box with a 4 pixel rgb(245, 115, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 115, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 115, 180);  
box-shadow:4px 4px 4px 4px rgb(245, 115,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9692, 0.3877, 0.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 115, 180) }
```

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

```
.background{ background-color: rgb(245,  
115, 180) }
```

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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