

Converting Colors

$Y_{xy}(25.5490, 0.4030, 0.2357)$

Have a look what the booklet for
Yxy(25.5490, 0.4030, 0.2357)
contains.

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Color

Yxy(25.6211, 0.4034, 0.2358)

Conversions

Conversions Part 1

Format	Color
Hex	EB4CA7
RGB	235, 76, 167
RGB Percent	92%, 30%, 65%
CMY	0.0783, 0.7021, 0.3450
CMYK	0.00, 0.68, 0.29, 0.08
HSL	326°, 80%, 61%
HSV	326°, 68%, 92%
XYZ	43.8319, 25.6211, 39.2031
YIQ	133.9150, 65.5530, 62.0090

Conversions

Conversions Part 2

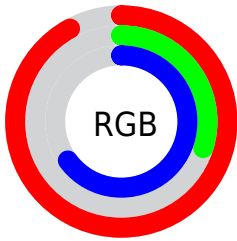
Format	Color
R _Y B	235, 76, 167
Decimal	15420583
CIE Lab	57.68, 68.73, -15.26
CIE LCh	58, 70.401, 347.485
Yxy	25.6211, 0.4034, 0.2358
Android (android.graphics.Color)	4293610663 (0xFFEB4CA7)
YUV	133.9150, 16.3109, 88.6515
Hunter-Lab	50.6173, 65.9912, -10.4880

Details

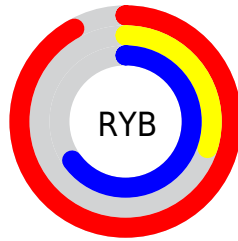
The Yxy color **25.6211, 0.4034, 0.2358** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **62.9879, 0.2749, 0.4589**, and the grayscale version is **23.7229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8619, 0.3482, 0.2421**, and **10.3518, 0.4306, 0.2146** is the 20% darker color. If you saturate the color by 10%, you get **22.5988, 0.4234, 0.2300**, and if you desaturate by 10%, it is **29.8570, 0.3845, 0.2457**.

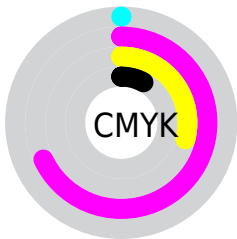
Distribution



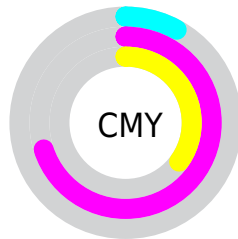
- Red (92%)
- Green (30%)
- Blue (65%)



- Red (92%)
- Yellow (30%)
- Blue (65%)



- Cyan (0%)
- Magenta (68%)
- Yellow (29%)
- Black (8%)





- Cyan (8%)
- Magenta (70%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6211, 0.4034, 0.2358 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 25.6211, 0.4034, 0.2358 by changing the saturation by 10% instead.


 25.6211, 0.4034,
0.2358


 25.6211, 0.4034,
0.2358


280.9171, 0.3557,
0.2832


 16.5404, 0.4160,
0.2239


 52.6631, 0.3855,
0.2531


 9.9074, 0.4325,
0.2086


 71.3931, 0.3790,
0.2596

 5.3376, 0.4552,
0.1883


 94.1084, 0.3735,
0.2651

 2.4467, 0.4878,
0.1604

 121.1933, 0.3689,
0.2697

 0.8497, 0.5382,
0.1208

153.0322, 0.3649,
0.2738

 0.0000, 0.6680,
0.0000

190.0096, 0.3614,

 0.0000, 1.0000,

0.2773

0.0000

232.5097, 0.3584,
0.2804

■ 0.0000, 0.0000,
0.0000

■ 25.6211, 0.4034,
0.2358

■ 25.6211, 0.4034,
0.2358

■ 22.5988, 0.4234,
0.2300

■ 29.8570, 0.3845,
0.2457

■ 20.6493, 0.4438,
0.2293

■ 35.4187, 0.3674,
0.2585

■ 19.5897, 0.4636,
0.2338


■ 42.4100, 0.3522,
0.2730

■ 19.4056, 0.4682,
0.2353


■ 50.9232, 0.3392,
0.2882

■ 61.0430, 0.3281,
0.3034

 72.8476, 0.3188,
0.3182

 86.4100, 0.3110,
0.3322

 95.9304, 0.3048,
0.3365

 96.4092, 0.3006,
0.3290

Harmonies

Analogous

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



25.6211, 0.2811, 0.1878



25.6211, 0.4034, 0.2358



25.6211, 0.5089, 0.3012

Triad

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



25.6211, 0.4034, 0.2358



25.6211, 0.4096, 0.5300



25.6211, 0.1262, 0.2161

Complementary

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



25.6211, 0.4034, 0.2358



62.9879, 0.2749, 0.4589

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.



25.6211, 0.1459, 0.3130



25.6211, 0.4034, 0.2358



25.6211, 0.3053, 0.5486

Square

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



25.6211, 0.4034, 0.2358



25.6211, 0.4975, 0.4547



25.6211, 0.2079, 0.4547



25.6211, 0.1413, 0.1723

Rectangle

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



25.6211, 0.4034, 0.2358



25.6211, 0.5399, 0.3494



25.6211, 0.2079, 0.4547



25.6211, 0.1286, 0.2418

Sweetspot

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



25.6224, 0.4034, 0.2358



70.3400, 0.3306, 0.2998



16.9351, 0.2282, 0.1343



14.3058, 0.3337, 0.2955



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.



25.6224, 0.4034, 0.2358



26.1892, 0.4309, 0.2291



23.5566, 0.5209, 0.3173



15.1986, 0.3203, 0.3156



10.8219, 0.4652, 0.2336



0.8690, 0.4397, 0.2196

Inverse Universe

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



25.6224, 0.4034, 0.2358



26.1892, 0.4309, 0.2291



66.2373, 0.2395, 0.3460



15.1986, 0.3203, 0.3156



10.8219, 0.4652, 0.2336



0.8690, 0.4397, 0.2196

Previews

White Background



This preview shows how the Yxy color 25.6211, 0.4034, 0.2358 looks on a white background.

Color Contrast Check

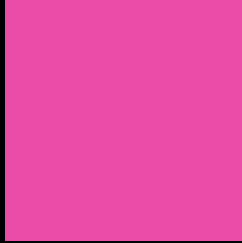
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6211, 0.4034, 0.2358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

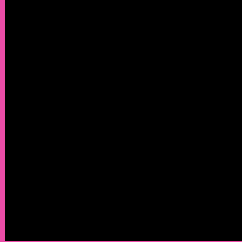
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6211, 0.4034, 0.2358

Background



This preview shows how black text looks on a background with the Yxy color 25.6211, 0.4034, 0.2358.



This preview shows how white text looks on a background with the Yxy color 25.6211, 0.4034, 0.2358.

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

25.6211, 0.4034, 0.2358

Protanopia

26.1052, 0.2315, 0.2197

Deuteranopia

25.6362, 0.2983, 0.2923



Tritanopia

25.5525, 0.4909, 0.3233

Trichromacy



Original Color

25.6211, 0.4034, 0.2358



Protanomaly

23.3697, 0.2772, 0.2167



Deuteranomaly

23.8379, 0.3339, 0.2622



Tritanomaly

25.4274, 0.4603, 0.2903

Monochromacy



Original Color

25.6211, 0.4034, 0.2358



Achromatopsia

23.8398, 0.3127, 0.3290



Achromatomaly

22.5435, 0.3464, 0.2800

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6211, 0.4034, 0.2358 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(235, 76, 167)` looks like.

```
.text, #text, p{  
    color:rgb(235, 76, 167)  
}
```

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(235, 76, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 76, 167) }
```

Border

The CSS property to change the border of an element to Yxy 25.6211, 0.4034, 0.2358 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(235, 76, 167) }
```

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

```
.border{ border-color:rgb(235, 76, 167) }
```

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

Here you see how a box with a 4 pixel rgb(235, 76, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 76, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 76, 167);  
box-shadow:4px 4px 4px 4px rgb(235, 76,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6211, 0.4034, 0.2358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 76, 167) }
```

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

```
.background{ background-color: rgb(235, 76,  
167) }
```

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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