

Converting Colors

$Y_{xy}(25.0076, 0.3698, 0.2089)$

Have a look what the booklet for
Yxy(25.0076, 0.3698, 0.2089)
contains.

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Color

Yxy(25.0434, 0.3694, 0.2087)

Conversions

Conversions Part 1

Format	Color
Hex	E746BD
RGB	231, 70, 189
RGB Percent	91%, 27%, 74%
CMY	0.0941, 0.7254, 0.2589
CMYK	0.00, 0.70, 0.18, 0.09
HSL	316°, 77%, 59%
HSV	316°, 70%, 91%
XYZ	44.3269, 25.0434, 50.6268
YIQ	131.7050, 57.7570, 71.1410

Conversions

Conversions Part 2

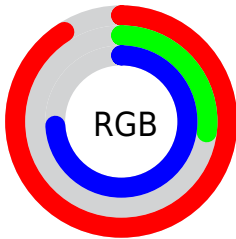
Format	Color
R _Y B	231, 70, 189
Decimal	15156925
CIE Lab	57.12, 72.58, -28.88
CIE LCh	57, 78.116, 338.305
Yxy	25.0434, 0.3694, 0.2087
Android (android.graphics.Color)	4293347005 (0xFFE746BD)
YUV	131.7050, 28.2464, 87.0817
Hunter-Lab	50.0434, 70.5341, -24.9508

Details

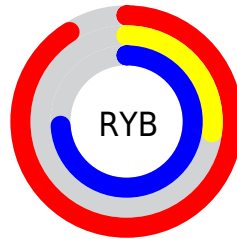
The Yxy color **25.0434, 0.3694, 0.2087** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **59.6232, 0.2867, 0.5023**, and the grayscale version is **22.8474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8791, 0.3261, 0.2173**, and **10.4072, 0.3822, 0.1879** is the 20% darker color. If you saturate the color by 10%, you get **22.4318, 0.3802, 0.2006**, and if you desaturate by 10%, it is **28.7791, 0.3588, 0.2210**.

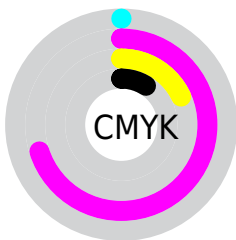
Distribution



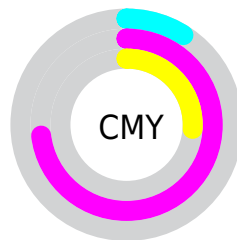
- Red (91%)
- Green (27%)
- Blue (74%)



- Red (91%)
- Yellow (27%)
- Blue (74%)



- Cyan (0%)
- Magenta (70%)
- Yellow (18%)
- Black (9%)




- Cyan (9%)
- Magenta (73%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0434, 0.3694, 0.2087 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 25.0434, 0.3694, 0.2087 by changing the saturation by 10% instead.


 25.0434, 0.3694,
0.2087


 25.0434, 0.3694,
0.2087


278.0540, 0.3416,
0.2677

 16.1094, 0.3760,
0.1946

 51.7276, 0.3595,
0.2297

 9.6016, 0.3844,
0.1770


 70.2466, 0.3557,
0.2377

 5.1356, 0.3950,
0.1546


 92.7294, 0.3525,
0.2446

 2.3271, 0.4089,
0.1253

 119.5604, 0.3497,
0.2505

 0.7880, 0.4272,
0.0867

 151.1239, 0.3473,
0.2556

 0.0000, 0.4683,
0.0000

187.8045, 0.3452,

 0.0000, 0.4718,

0.2601

0.0000

229.9864, 0.3433,
0.2641

■ 0.0000, 0.0000,
0.0000

■ 25.0434, 0.3694,
0.2087

■ 25.0434, 0.3694,
0.2087

■ 22.4318, 0.3802,
0.2006

■ 28.7791, 0.3588,
0.2210

■ 20.8052, 0.3909,
0.1974

■ 33.7494, 0.3488,
0.2365


■ 19.9398, 0.4013,
0.1985


■ 40.0555, 0.3396,
0.2543


■ 19.9168, 0.4016,
0.1986


■ 47.7872, 0.3314,
0.2732

■ 57.0264, 0.3241,
0.2924

 67.8488, 0.3179,
0.3114

 80.3251, 0.3126,
0.3296

 94.5215, 0.3080,
0.3467

 94.9941, 0.3047,
0.3408

Harmonies

Analogous

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



25.0434, 0.2418, 0.1657



25.0434, 0.3694, 0.2087



25.0434, 0.5018, 0.2734

Triad

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



25.0434, 0.3694, 0.2087



25.0434, 0.4449, 0.5222



25.0434, 0.1133, 0.2281

Complementary

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



25.0434, 0.3694, 0.2087



59.6232, 0.2867, 0.5023

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.



25.0434, 0.1451, 0.3550



25.0434, 0.3694, 0.2087



25.0434, 0.3343, 0.5801

Square

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



25.0434, 0.3694, 0.2087



25.0434, 0.5330, 0.4311



25.0434, 0.2243, 0.5175



25.0434, 0.1193, 0.1674

Rectangle

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



25.0434, 0.3694, 0.2087



25.0434, 0.5540, 0.3224



25.0434, 0.2243, 0.5175



25.0434, 0.1191, 0.2623

Sweetspot

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



25.0447, 0.3694, 0.2087



69.5955, 0.3251, 0.2897



13.4850, 0.2033, 0.1188



14.1842, 0.3271, 0.2843



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.



25.0447, 0.3694, 0.2087



26.9595, 0.3854, 0.1985



22.5033, 0.4891, 0.2898



14.5476, 0.3178, 0.3118



11.1875, 0.4000, 0.1977



0.8417, 0.3859, 0.1899

Inverse Universe

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



25.0447, 0.3694, 0.2087



26.9595, 0.3854, 0.1985



62.2030, 0.2503, 0.3847



14.5476, 0.3178, 0.3118



11.1875, 0.4000, 0.1977



0.8417, 0.3859, 0.1899

Previews

White Background



This preview shows how the Yxy color 25.0434, 0.3694, 0.2087 looks on a white background.

Color Contrast Check

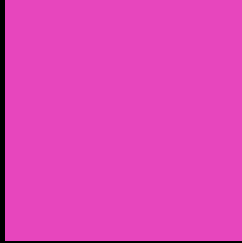
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0434, 0.3694, 0.2087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

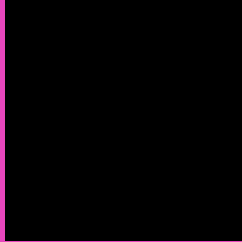
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0434, 0.3694, 0.2087

Background



This preview shows how black text looks on a background with the Yxy color 25.0434, 0.3694, 0.2087.



This preview shows how white text looks on a background with the Yxy color 25.0434, 0.3694, 0.2087.

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

25.0434, 0.3694, 0.2087

Protanopia

25.5249, 0.2027, 0.1814

Deuteranopia

25.1718, 0.2649, 0.2594



Tritanopia

25.0130, 0.4777, 0.3229

Trichromacy



Original Color

25.0434, 0.3694, 0.2087



Protanomaly

22.3055, 0.2408, 0.1799



Deuteranomaly

22.7871, 0.2970, 0.2275



Tritanomaly

24.7064, 0.4388, 0.2775

Monochromacy



Original Color

25.0434, 0.3694, 0.2087



Achromatopsia

23.0740, 0.3127, 0.3290



Achromatomaly

21.5620, 0.3346, 0.2636

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0434, 0.3694, 0.2087 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(231, 70, 189)` looks like.

```
.text, #text, p{  
    color:rgb(231, 70, 189)  
}
```

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(231, 70, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 70, 189) }
```

Border

The CSS property to change the border of an element to Yxy 25.0434, 0.3694, 0.2087 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(231, 70, 189) }
```

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

```
.border{ border-color:rgb(231, 70, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 70, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 70, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 70, 189); box-shadow:4px 4px 4px 4px rgb(231, 70, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0434, 0.3694, 0.2087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 70, 189) }
```

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

```
.background{ background-color: rgb(231, 70,  
189) }
```

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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