

Converting Colors

$Y_{xy}(25.8572, 0.3866, 0.2396)$

Have a look what the booklet for
Yxy(25.8572, 0.3866, 0.2396)
contains.

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Color

Yxy(25.8516, 0.3866, 0.2396)

Conversions

Conversions Part 1

Format	Color
Hex	E158A9
RGB	225, 88, 169
RGB Percent	88%, 35%, 66%
CMY	0.1175, 0.6550, 0.3372
CMYK	0.00, 0.61, 0.25, 0.12
HSL	325°, 70%, 61%
HSV	325°, 61%, 88%
XYZ	41.7121, 25.8516, 40.3311
YIQ	138.1970, 55.6510, 54.2350

Conversions

Conversions Part 2

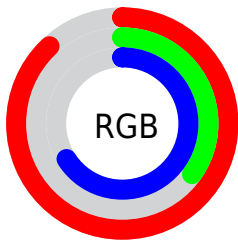
Format	Color
R _{YB}	225, 88, 169
Decimal	14768297
CIE _{Lab}	57.90, 61.45, -16.23
CIE _{LCh}	58, 63.556, 345.207
Yxy	25.8516, 0.3866, 0.2396
Android (android.graphics.Color)	4292958377 (0xFFE158A9)
YUV	138.1970, 15.1859, 76.1262
Hunter-Lab	50.8445, 57.4613, -11.4392

Details

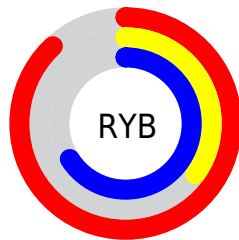
The Yxy color **25.8516, 0.3866, 0.2396** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **57.9586, 0.2777, 0.4471**, and the grayscale version is **25.4167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5883, 0.3452, 0.2487**, and **10.0041, 0.4095, 0.2129** is the 20% darker color. If you saturate the color by 10%, you get **22.3793, 0.4048, 0.2305**, and if you desaturate by 10%, it is **30.4905, 0.3698, 0.2520**.

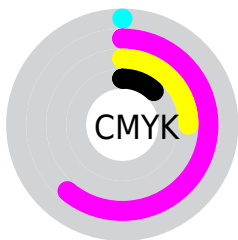
Distribution



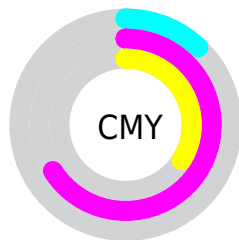
- Red (88%)
- Green (35%)
- Blue (66%)



- Red (88%)
- Yellow (35%)
- Blue (66%)



- Cyan (0%)
- Magenta (61%)
- Yellow (25%)
- Black (12%)





- Cyan (12%)
- Magenta (66%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8516, 0.3866, 0.2396 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 25.8516, 0.3866, 0.2396 by changing the saturation by 10% instead.


 25.8516, 0.3866,
0.2396


 25.8516, 0.3866,
0.2396

282.0528, 0.3480,
0.2851


 16.7127, 0.3968,
0.2281


 53.0354, 0.3722,
0.2562

 10.0298, 0.4101,
0.2134


 71.8491, 0.3669,
0.2625

 5.4187, 0.4283,
0.1938


 94.6565, 0.3624,
0.2677

 2.4950, 0.4545,
0.1668

 121.8420, 0.3587,
0.2722

 0.8741, 0.4949,
0.1279

153.7900, 0.3554,
0.2761

 0.0000, 0.6067,
0.0000

190.8849, 0.3526,

 0.0000, 1.0000,

0.2794

0.0000

233.5110, 0.3501,
0.2824

■ 0.0000, 0.0000,
0.0000

■ 25.8516, 0.3866,
0.2396

■ 25.8516, 0.3866,
0.2396

■ 22.3793, 0.4048,
0.2305

■ 30.4905, 0.3698,
0.2520

■ 19.9604, 0.4238,
0.2257

■ 36.3875, 0.3549,
0.2665

■ 18.4658, 0.4429,
0.2262

■ 43.6296, 0.3418,
0.2819

■ 17.7087, 0.4598,
0.2307

■ 52.2948, 0.3307,
0.2977

■ 62.4550, 0.3213,
0.3130

■ 74.1774, 0.3134,
0.3277

■ 87.5250, 0.3068,
0.3415

■ 93.9809, 0.3014,
0.3415

■ 94.5495, 0.2964,
0.3322

Harmonies

Analogous

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



25.8516, 0.2772, 0.1960



25.8516, 0.3866, 0.2396



25.8516, 0.4845, 0.3006

Triad

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



25.8516, 0.3866, 0.2396



25.8516, 0.4125, 0.5100



25.8516, 0.1401, 0.2322

Complementary

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



25.8516, 0.3866, 0.2396



57.9586, 0.2777, 0.4471

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.



25.8516, 0.1627, 0.3252



25.8516, 0.3866, 0.2396



25.8516, 0.3167, 0.5268

Square

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



25.8516, 0.3866, 0.2396



25.8516, 0.4894, 0.4436



25.8516, 0.2248, 0.4498



25.8516, 0.1516, 0.1866

Rectangle

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



25.8516, 0.3866, 0.2396



25.8516, 0.5176, 0.3461



25.8516, 0.2248, 0.4498



25.8516, 0.1436, 0.2576

Sweetspot

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



25.8529, 0.3866, 0.2396



72.9799, 0.3279, 0.3020



18.2340, 0.2367, 0.1521



14.8214, 0.3308, 0.2974



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.



25.8529, 0.3866, 0.2396



28.7487, 0.4097, 0.2288



23.9409, 0.4857, 0.3149



13.8359, 0.3200, 0.3152



10.2243, 0.4570, 0.2291



0.7263, 0.4304, 0.2145

Inverse Universe

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



25.8529, 0.3866, 0.2396



28.7487, 0.4097, 0.2288



60.6648, 0.2447, 0.3472



13.8359, 0.3200, 0.3152



10.2243, 0.4570, 0.2291



0.7263, 0.4304, 0.2145

Previews

White Background



This preview shows how the Yxy color 25.8516, 0.3866, 0.2396 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 25.8516, 0.3866, 0.2396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

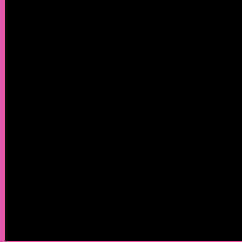
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8516, 0.3866, 0.2396

Background



This preview shows how black text looks on a background with the Yxy color 25.8516, 0.3866, 0.2396.



This preview shows how white text looks on a background with the Yxy color 25.8516, 0.3866, 0.2396.

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

25.8516, 0.3866, 0.2396

Protanopia

26.0810, 0.2380, 0.2273

Deuteranopia

26.0566, 0.2945, 0.2879



Tritanopia

25.8225, 0.4608, 0.3214

Trichromacy



Original Color

25.8516, 0.3866, 0.2396



Protanomaly

24.0673, 0.2791, 0.2253



Deuteranomaly

24.7945, 0.3251, 0.2633



Tritanomaly

25.7177, 0.4344, 0.2902

Monochromacy



Original Color

25.8516, 0.3866, 0.2396



Achromatopsia

25.4152, 0.3127, 0.3290



Achromatomaly

24.1489, 0.3401, 0.2860

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8516, 0.3866, 0.2396 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(225, 88, 169)` looks like.

```
.text, #text, p{  
    color:rgb(225, 88, 169)  
}
```

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(225, 88, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 88, 169) }
```

Border

The CSS property to change the border of an element to Yxy 25.8516, 0.3866, 0.2396 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(225, 88, 169) }
```

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

```
.border{ border-color:rgb(225, 88, 169) }
```

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

Here you see how a box with a 4 pixel rgb(225, 88, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 88, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 88, 169);  
box-shadow:4px 4px 4px 4px rgb(225, 88,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8516, 0.3866, 0.2396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 88, 169) }
```

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

```
.background{ background-color: rgb(225, 88,  
169) }
```

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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