

Converting Colors

$Y_{xy}(25.8211, 0.4111, 0.2470)$

Have a look what the booklet for
Yxy(25.8211, 0.4111, 0.2470)
contains.

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Color

Yxy(25.7117, 0.4115, 0.2472)

Conversions

Conversions Part 1

Format	Color
Hex	E9519F
RGB	233, 81, 159
RGB Percent	91%, 32%, 62%
CMY	0.0863, 0.6823, 0.3765
CMYK	0.00, 0.65, 0.32, 0.09
HSL	329°, 78%, 62%
HSV	329°, 65%, 91%
XYZ	42.8008, 25.7117, 35.4992
YIQ	135.3400, 65.5540, 56.4820

Conversions

Conversions Part 2

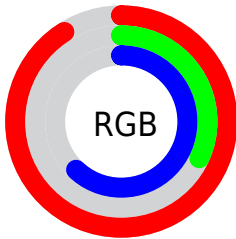
Format	Color
R _Y B	233, 81, 159
Decimal	15290783
CIE Lab	57.76, 65.30, -10.48
CIE LCh	58, 66.137, 350.886
Yxy	25.7117, 0.4115, 0.2472
Android (android.graphics.Color)	4293480863 (0xFFE9519F)
YUV	135.3400, 11.6644, 85.6478
Hunter-Lab	50.7067, 61.9326, -6.0136

Details

The Yxy color **25.7117, 0.4115, 0.2472** 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 **62.3901, 0.2710, 0.4397**, and the grayscale version is **24.3022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.5803, 0.3555, 0.2531**, and **9.9669, 0.4434, 0.2216** is the 20% darker color. If you saturate the color by 10%, you get **22.4470, 0.4349, 0.2415**, and if you desaturate by 10%, it is **30.2026, 0.3898, 0.2567**.

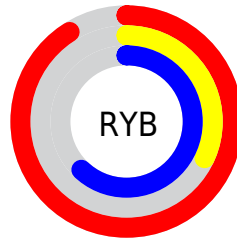
Distribution



Red (91%)

Green (32%)

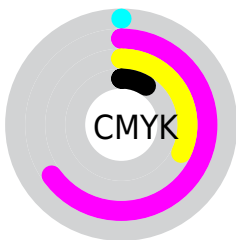
Blue (62%)



Red (91%)

Yellow (32%)

Blue (62%)

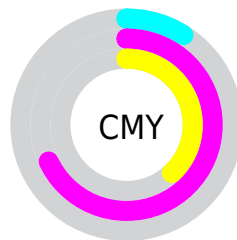


Cyan (0%)

Magenta (65%)

Yellow (32%)

Black (9%)



Cyan (9%)


Magenta (68%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7117, 0.4115, 0.2472 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 25.7117, 0.4115, 0.2472 by changing the saturation by 10% instead.


 25.7117, 0.4115,
0.2472


 25.7117, 0.4115,
0.2472


281.3640, 0.3588,
0.2895


 16.6081, 0.4257,
0.2363


 52.8095, 0.3916,
0.2629


 9.9555, 0.4445,
0.2221


 71.5724, 0.3843,
0.2687

 5.3694, 0.4706,
0.2030


 94.3240, 0.3783,
0.2735

 2.4656, 0.5089,
0.1761

 121.4485, 0.3732,
0.2777

 0.8593, 0.5695,
0.1364

153.3303, 0.3688,
0.2813

 0.0000, 0.7608,
0.0000

190.3539, 0.3651,

 0.0000, 1.0000,

0.2844

0.0000

232.9037, 0.3618,
0.2871

■ 0.0000, 0.0000,
0.0000

■ 25.7117, 0.4115,
0.2472

■ 25.7117, 0.4115,
0.2472

■ 22.4470, 0.4349,
0.2415

■ 30.2026, 0.3898,
0.2567

■ 20.2763, 0.4590,
0.2408

■ 36.0261, 0.3704,
0.2686


■ 19.0433, 0.4825,
0.2456


■ 43.2813, 0.3536,
0.2819

■ 18.6664, 0.4935,
0.2492


■ 52.0568, 0.3393,
0.2957

■ 62.4341, 0.3272,
0.3094

 74.4887, 0.3172,
0.3225

 88.2914, 0.3090,
0.3348

 95.7287, 0.3022,
0.3342

 96.0619, 0.2993,
0.3290

Harmonies

Analogous

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



25.7117, 0.2955, 0.1984



25.7117, 0.4115, 0.2472



25.7117, 0.5048, 0.3117

Triad

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



25.7117, 0.4115, 0.2472



25.7117, 0.3965, 0.5257



25.7117, 0.1345, 0.2158

Complementary

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



25.7117, 0.4115, 0.2472



62.3901, 0.2710, 0.4397

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.



25.7117, 0.1501, 0.3021



25.7117, 0.4115, 0.2472



25.7117, 0.2964, 0.5289

Square

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



25.7117, 0.4115, 0.2472



25.7117, 0.4821, 0.4602



25.7117, 0.2057, 0.4314



25.7117, 0.1526, 0.1775

Rectangle

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



25.7117, 0.4115, 0.2472



25.7117, 0.5288, 0.3590



25.7117, 0.2057, 0.4314



25.7117, 0.1357, 0.2386

Sweetspot

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



25.7130, 0.4115, 0.2472



70.1680, 0.3328, 0.3028



18.6879, 0.2412, 0.1451



14.2646, 0.3363, 0.2989



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.



25.7130, 0.4115, 0.2472



26.5713, 0.4425, 0.2407



23.8437, 0.5233, 0.3272



15.1831, 0.3213, 0.3170



10.6179, 0.4901, 0.2474



0.8532, 0.4603, 0.2309

Inverse Universe

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



25.7130, 0.4115, 0.2472



26.5713, 0.4425, 0.2407



65.7613, 0.2367, 0.3320



15.1831, 0.3213, 0.3170



10.6179, 0.4901, 0.2474



0.8532, 0.4603, 0.2309

Previews

White Background



This preview shows how the Yxy color 25.7117, 0.4115, 0.2472 looks on a white background.

Color Contrast Check

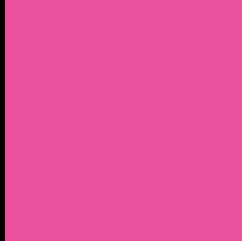
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7117, 0.4115, 0.2472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

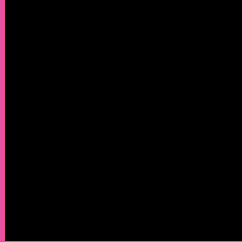
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7117, 0.4115, 0.2472

Background



This preview shows how black text looks on a background with the Yxy color 25.7117, 0.4115, 0.2472.



This preview shows how white text looks on a background with the Yxy color 25.7117, 0.4115, 0.2472.

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

25.7117, 0.4115, 0.2472

Protanopia

25.9616, 0.2447, 0.2363

Deuteranopia

25.7654, 0.3095, 0.3034



Tritanopia

25.6180, 0.4848, 0.3231

Trichromacy



Original Color

25.7117, 0.4115, 0.2472



Protanomaly

23.7603, 0.2917, 0.2333



Deuteranomaly

24.0595, 0.3446, 0.2734



Tritanomaly

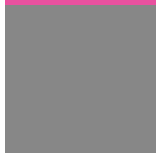
25.5405, 0.4597, 0.2950

Monochromacy



Original Color

25.7117, 0.4115, 0.2472



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

22.9330, 0.3485, 0.2858

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7117, 0.4115, 0.2472 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(233, 81, 159)` looks like.

```
.text, #text, p{  
    color:rgb(233, 81, 159)  
}
```

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(233, 81, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 81, 159) }
```

Border

The CSS property to change the border of an element to Yxy 25.7117, 0.4115, 0.2472 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(233, 81, 159) }
```

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

```
.border{ border-color:rgb(233, 81, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 81, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 81, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 81, 159); box-shadow:4px 4px 4px 4px rgb(233, 81, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7117, 0.4115, 0.2472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 81, 159) }
```

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

```
.background{ background-color: rgb(233, 81,  
159) }
```

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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