

Converting Colors

$Y_{xy}(25.5382, 0.4121, 0.2384)$

Have a look what the booklet for
Yxy(25.5382, 0.4121, 0.2384)
contains.

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Color

Yxy(25.5866, 0.4132, 0.2389)

Conversions

Conversions Part 1

Format	Color
Hex	EE49A3
RGB	238, 73, 163
RGB Percent	93%, 29%, 64%
CMY	0.0667, 0.7137, 0.3607
CMYK	0.00, 0.69, 0.32, 0.07
HSL	327°, 83%, 61%
HSV	327°, 69%, 93%
XYZ	44.2544, 25.5866, 37.2607
YIQ	132.5950, 69.4500, 62.9700

Conversions

Conversions Part 2

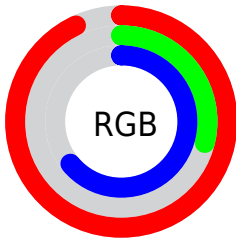
Format	Color
R _Y B	238, 73, 163
Decimal	15616419
CIE Lab	57.64, 70.11, -12.92
CIE LCh	58, 71.290, 349.557
Yxy	25.5866, 0.4132, 0.2389
Android (android.graphics.Color)	4293806499 (0xFFEE49A3)
YUV	132.5950, 14.9897, 92.4402
Hunter-Lab	50.5832, 67.6462, -8.2661

Details

The Yxy color **25.5866, 0.4132, 0.2389** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **64.7050, 0.2726, 0.4562**, and the grayscale version is **23.2278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.0970, 0.3524, 0.2438**, and **10.6127, 0.4440, 0.2220** is the 20% darker color. If you saturate the color by 10%, you get **22.6646, 0.4350, 0.2345**, and if you desaturate by 10%, it is **29.7402, 0.3925, 0.2476**.

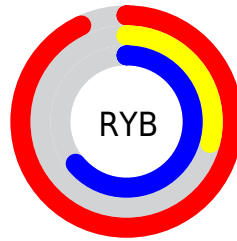
Distribution



Red (93%)

Green (29%)

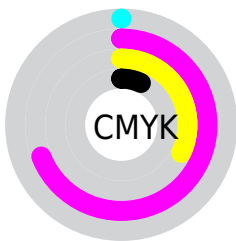
Blue (64%)



Red (93%)

Yellow (29%)

Blue (64%)

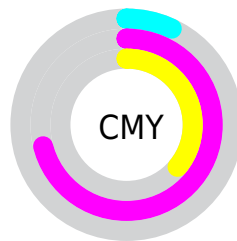


Cyan (0%)

Magenta (69%)

Yellow (32%)

Black (7%)



Cyan (7%)


Magenta (71%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5866, 0.4132, 0.2389 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 25.5866, 0.4132, 0.2389 by changing the saturation by 10% instead.


 25.5866, 0.4132,
0.2389


 25.5866, 0.4132,
0.2389


280.7468, 0.3600,
0.2850


 16.5146, 0.4274,
0.2272


 52.6073, 0.3932,
0.2559


 9.8890, 0.4461,
0.2121


 71.3248, 0.3859,
0.2622


 5.3255, 0.4719,
0.1919


 94.0262, 0.3798,
0.2675

 2.4395, 0.5092,
0.1641

 121.0960, 0.3746,
0.2720

 0.8461, 0.5673,
0.1240

 152.9186, 0.3702,
0.2759

 0.0000, 0.7246,
0.0000

189.8783, 0.3663,

 0.0000, 1.0000,

0.2794

0.0000

232.3596, 0.3630,
0.2824


 0.0000, 0.0000,
0.0000


 25.5866, 0.4132,
0.2389


 25.5866, 0.4132,
0.2389

 22.6646, 0.4350,
0.2345

 29.7402, 0.3925,
0.2476

 20.8245, 0.4570,
0.2353


 35.2444, 0.3737,
0.2594


 19.8390, 0.4783,
0.2412


 42.2082, 0.3572,
0.2731


 19.7846, 0.4798,
0.2417


 50.7287, 0.3429,
0.2876

 60.8943, 0.3308,
0.3022

 72.7868, 0.3206,
0.3164

 86.4825, 0.3122,
0.3299

 96.5714, 0.3054,
0.3343

 96.9175, 0.3023,
0.3290

Harmonies

Analogous

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



25.5866, 0.2884, 0.1890



25.5866, 0.4132, 0.2389



25.5866, 0.5164, 0.3055

Triad

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



25.5866, 0.4132, 0.2389



25.5866, 0.4030, 0.5360



25.5866, 0.1245, 0.2101

Complementary

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



25.5866, 0.4132, 0.2389



64.7050, 0.2726, 0.4562

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.



25.5866, 0.1415, 0.3039



25.5866, 0.4132, 0.2389



25.5866, 0.2974, 0.5490

Square

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



25.5866, 0.4132, 0.2389



25.5866, 0.4939, 0.4610



25.5866, 0.2008, 0.4467



25.5866, 0.1420, 0.1692

Rectangle

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



25.5866, 0.4132, 0.2389



25.5866, 0.5436, 0.3542



25.5866, 0.2008, 0.4467



25.5866, 0.1261, 0.2347

Sweetspot

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



25.5880, 0.4132, 0.2389



68.9938, 0.3327, 0.2997



17.1655, 0.2305, 0.1324



14.0405, 0.3360, 0.2956



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.



25.5880, 0.4132, 0.2389



25.5097, 0.4438, 0.2341



23.5412, 0.5362, 0.3225



15.9031, 0.3208, 0.3162



11.0641, 0.4766, 0.2399



0.9405, 0.4504, 0.2255

Inverse Universe

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



25.5880, 0.4132, 0.2389



25.5097, 0.4438, 0.2341



68.2662, 0.2365, 0.3393



15.9031, 0.3208, 0.3162



11.0641, 0.4766, 0.2399



0.9405, 0.4504, 0.2255

Previews

White Background



This preview shows how the Yxy color 25.5866, 0.4132, 0.2389 looks on a white background.

Color Contrast Check

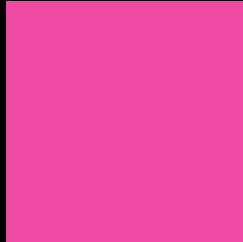
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5866, 0.4132, 0.2389 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 25.5866, 0.4132, 0.2389

Background



This preview shows how black text looks on a background with the Yxy color 25.5866, 0.4132, 0.2389.



This preview shows how white text looks on a background with the Yxy color 25.5866, 0.4132, 0.2389.

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

25.5866, 0.4132, 0.2389

Protanopia

26.0902, 0.2347, 0.2235

Deuteranopia

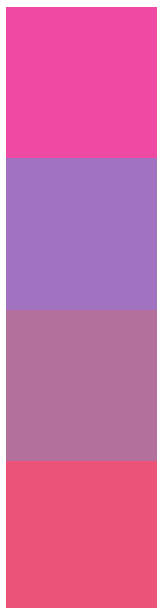
25.6808, 0.3043, 0.2986



Tritanopia

25.4805, 0.4999, 0.3235

Trichromacy



Original Color

25.5866, 0.4132, 0.2389

Protanomaly

23.3140, 0.2829, 0.2197

Deuteranomaly

23.6064, 0.3427, 0.2655

Tritanomaly

25.3589, 0.4709, 0.2925

Monochromacy



Original Color

25.5866, 0.4132, 0.2389

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.0404, 0.3494, 0.2799

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5866, 0.4132, 0.2389 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(238, 73, 163)` looks like.

```
.text, #text, p{  
    color:rgb(238, 73, 163)  
}
```

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(238, 73, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 73, 163) }
```

Border

The CSS property to change the border of an element to Yxy 25.5866, 0.4132, 0.2389 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(238, 73, 163) }
```

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

```
.border{ border-color:rgb(238, 73, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 73, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 73, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 73, 163); box-shadow:4px 4px 4px 4px rgb(238, 73, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5866, 0.4132, 0.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 73, 163) }
```

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

```
.background{ background-color: rgb(238, 73,  
163) }
```

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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