

Converting Colors

$Y_{xy}(29.2169, 0.3584, 0.2069)$

Have a look what the booklet for
Yxy(29.2169, 0.3584, 0.2069)
contains.

Yxy(29.2183, 0.3589, 0.2068)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.2183, 0.3589, 0.2068)

Conversions

Conversions Part 1

Format	Color
Hex	F251CE
RGB	242, 81, 206
RGB Percent	95%, 32%, 81%
CMY	0.0509, 0.6825, 0.1921
CMYK	0.00, 0.67, 0.15, 0.05
HSL	313°, 86%, 63%
HSV	313°, 67%, 95%
XYZ	50.7082, 29.2183, 61.3613
YIQ	143.3890, 55.8310, 73.0070

Conversions

Conversions Part 2

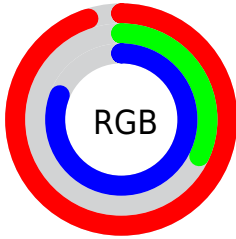
Format	Color
R _Y B	242, 81, 206
Decimal	15880654
CIE Lab	60.97, 73.74, -32.49
CIE LCh	61, 80.579, 336.224
Yxy	29.2183, 0.3589, 0.2068
Android (android.graphics.Color)	4294070734 (0xFFFF251CE)
YUV	143.3890, 30.8672, 86.4818
Hunter-Lab	54.0540, 72.8569, -29.4674

Details

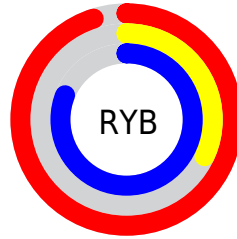
The Yxy color **29.2183, 0.3589, 0.2068** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **66.5536, 0.2894, 0.5020**, and the grayscale version is **27.4862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5298, 0.3179, 0.2195**, and **12.1794, 0.3692, 0.1808** is the 20% darker color. If you saturate the color by 10%, you get **25.9837, 0.3679, 0.1968**, and if you desaturate by 10%, it is **33.7457, 0.3501, 0.2208**.

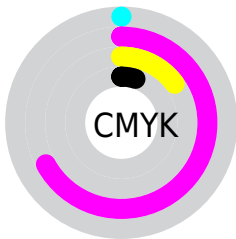
Distribution



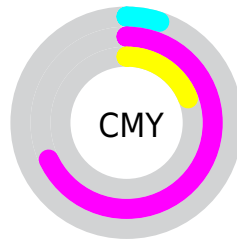
- Red (95%)
- Green (32%)
- Blue (81%)



- Red (95%)
- Yellow (32%)
- Blue (81%)



- Cyan (0%)
- Magenta (67%)
- Yellow (15%)
- Black (5%)





- Cyan (5%)
- Magenta (68%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2183, 0.3589, 0.2068 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 29.2183, 0.3589, 0.2068 by changing the saturation by 10% instead.


 29.2183, 0.3589,
0.2068

 29.2183, 0.3589,
0.2068


298.2436, 0.3374,
0.2650

 19.2460, 0.3637,
0.1934


 58.4237, 0.3515,
0.2272


 11.8482, 0.3695,
0.1768


 78.4257, 0.3486,
0.2350

 6.6404, 0.3766,
0.1561


 102.5397, 0.3461,
0.2418

 3.2382, 0.3853,
0.1295

 131.1501, 0.3439,
0.2477

 1.2573, 0.3957,
0.0954

164.6412, 0.3420,
0.2528

 0.1078, 0.4212,
0.0188

203.3976, 0.3403,


 0.0000, 0.4147,

0.2573


0.0000

247.8036, 0.3388,
0.2614

 0.0000, 0.0000,
0.0000


 29.2183, 0.3589,
0.2068


 29.2183, 0.3589,
0.2068


 25.9837, 0.3679,
0.1968


 33.7457, 0.3501,
0.2208


 23.8943, 0.3769,
0.1915

 39.6841, 0.3417,
0.2378


 22.7711, 0.3854,
0.1909

 47.1432, 0.3340,
0.2567


 22.5083, 0.3884,
0.1913

 56.2204, 0.3271,
0.2767

 67.0054, 0.3210,
0.2968

 79.5809, 0.3158,
0.3165

 94.0245, 0.3112,
0.3354

 97.2614, 0.3080,
0.3345

 97.6047, 0.3049,
0.3292

Harmonies

Analogous

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



29.2183, 0.2360, 0.1661



29.2183, 0.3589, 0.2068



29.2183, 0.4907, 0.2698

Triad

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



29.2183, 0.3589, 0.2068



29.2183, 0.4510, 0.5141



29.2183, 0.1169, 0.2366

Complementary

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



29.2183, 0.3589, 0.2068



66.5536, 0.2894, 0.5020

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.



29.2183, 0.1518, 0.3659



29.2183, 0.3589, 0.2068



29.2183, 0.3428, 0.5741

Square

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



29.2183, 0.3589, 0.2068



29.2183, 0.5345, 0.4249



29.2183, 0.2334, 0.5219



29.2183, 0.1204, 0.1725

Rectangle

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



29.2183, 0.3589, 0.2068



29.2183, 0.5462, 0.3181



29.2183, 0.2334, 0.5219



29.2183, 0.1237, 0.2720

Sweetspot

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



29.2197, 0.3589, 0.2068



70.9526, 0.3231, 0.2898



15.9977, 0.2045, 0.1251



14.4535, 0.3248, 0.2841



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.



29.2197, 0.3589, 0.2068



28.2494, 0.3712, 0.1943



26.2854, 0.4695, 0.2845



15.9674, 0.3172, 0.3109



12.1100, 0.3870, 0.1906



1.0221, 0.3765, 0.1848

Inverse Universe

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



29.2197, 0.3589, 0.2068



28.2494, 0.3712, 0.1943



69.2729, 0.2539, 0.3894



15.9674, 0.3172, 0.3109



12.1100, 0.3870, 0.1906



1.0221, 0.3765, 0.1848

Previews

White Background



This preview shows how the Yxy color 29.2183, 0.3589, 0.2068 looks on a white background.

Color Contrast Check

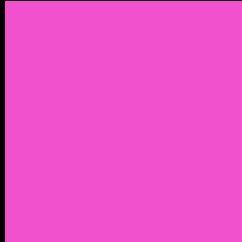
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2183, 0.3589, 0.2068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

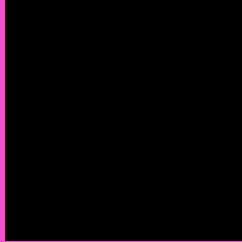
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2183, 0.3589, 0.2068

Background



This preview shows how black text looks on a background with the Yxy color 29.2183, 0.3589, 0.2068.



This preview shows how white text looks on a background with the Yxy color 29.2183, 0.3589, 0.2068.

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

29.2183, 0.3589, 0.2068

Protanopia

29.7632, 0.2048, 0.1844

Deuteranopia

29.3872, 0.2598, 0.2538



Tritanopia

29.0539, 0.4641, 0.3218

Trichromacy



Original Color

29.2183, 0.3589, 0.2068



Protanomaly

26.2732, 0.2404, 0.1820



Deuteranomaly

27.0879, 0.2904, 0.2258



Tritanomaly

28.6748, 0.4264, 0.2765

Monochromacy



Original Color

29.2183, 0.3589, 0.2068



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

25.7698, 0.3308, 0.2648

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2183, 0.3589, 0.2068 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(242, 81, 206)` looks like.

```
.text, #text, p{  
    color:rgb(242, 81, 206)  
}
```

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(242, 81, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 81, 206) }
```

Border

The CSS property to change the border of an element to Yxy 29.2183, 0.3589, 0.2068 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(242, 81, 206) }
```

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

```
.border{ border-color:rgb(242, 81, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 81, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 81, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 81, 206);  
box-shadow:4px 4px 4px 4px rgb(242, 81,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2183, 0.3589, 0.2068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 81, 206) }
```

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

```
.background{ background-color: rgb(242, 81,  
206) }
```

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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