

Converting Colors

Yxy(29.4844, 0.3511, 0.2070)

Have a look what the booklet for
Yxy(29.4844, 0.3511, 0.2070)
contains.

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Color

Yxy(29.5476, 0.3516, 0.2076)

Conversions

Conversions Part 1

Format	Color
Hex	EE57D0
RGB	238, 87, 208
RGB Percent	93%, 34%, 82%
CMY	0.0668, 0.6586, 0.1843
CMYK	0.00, 0.63, 0.13, 0.07
HSL	312°, 82%, 64%
HSV	312°, 63%, 93%
XYZ	50.0430, 29.5476, 62.7388
YIQ	145.9430, 51.1550, 69.6430

Conversions

Conversions Part 2

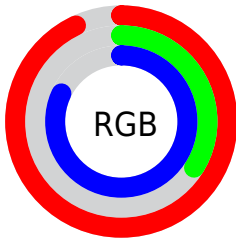
Format	Color
R _Y B	238, 87, 208
Decimal	15620048
CIE Lab	61.26, 70.72, -33.22
CIE LCh	61, 78.130, 334.840
Yxy	29.5476, 0.3516, 0.2076
Android (android.graphics.Color)	4293810128 (0xFFEE57D0)
YUV	145.9430, 30.5941, 80.7340
Hunter-Lab	54.3577, 69.2055, -30.3812

Details

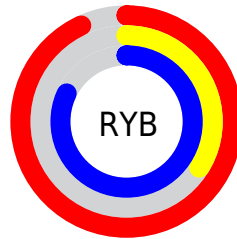
The Yxy color **29.5476, 0.3516, 0.2076** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **64.4396, 0.2913, 0.4979**, and the grayscale version is **28.5841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7308, 0.3177, 0.2230**, and **12.0790, 0.3610, 0.1784** is the 20% darker color. If you saturate the color by 10%, you get **26.0786, 0.3595, 0.1959**, and if you desaturate by 10%, it is **34.2960, 0.3439, 0.2230**.

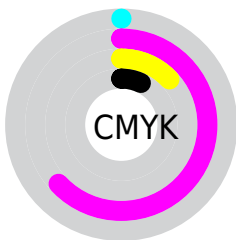
Distribution



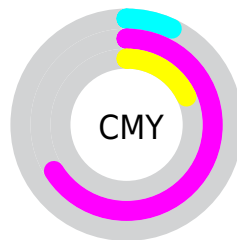
- Red (93%)
- Green (34%)
- Blue (82%)



- Red (93%)
- Yellow (34%)
- Blue (82%)



- Cyan (0%)
- Magenta (63%)
- Yellow (13%)
- Black (7%)



- Cyan (7%)
- Magenta (66%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5476, 0.3516, 0.2076 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 29.5476, 0.3516, 0.2076 by changing the saturation by 10% instead.


 29.5476, 0.3516,
0.2076


 29.5476, 0.3516,
0.2076


299.7900, 0.3339,
0.2654


 19.4955, 0.3554,
0.1943


 58.9460, 0.3456,
0.2278


 12.0288, 0.3599,
0.1778


 79.0610, 0.3432,
0.2356

 6.7633, 0.3653,
0.1572


 103.2992, 0.3412,
0.2423

 3.3145, 0.3717,
0.1309

 132.0448, 0.3394,
0.2482

 1.2981, 0.3786,
0.0969

165.6823, 0.3378,
0.2533

 0.1397, 0.3964,
0.0238

204.5961, 0.3364,

 0.0000, 0.3826,

0.2578

0.0000

249.1705, 0.3351,
0.2618

0.0000, 0.0000,
0.0000

29.5476, 0.3516,
0.2076

29.5476, 0.3516,
0.2076

26.0786, 0.3595,
0.1959

34.2960, 0.3439,
0.2230

23.7543, 0.3673,
0.1887

40.4320, 0.3367,
0.2412

22.4182, 0.3748,
0.1861


48.0574, 0.3300,
0.2610


21.9194, 0.3796,
0.1865


57.2632, 0.3240,
0.2816

68.1329, 0.3187,
0.3023

 80.7444, 0.3141,
0.3223

 95.1705, 0.3102,
0.3415

 96.3316, 0.3075,
0.3381

 96.6251, 0.3048,
0.3334

Harmonies

Analogous

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



29.5476, 0.2339, 0.1688



29.5476, 0.3516, 0.2076



29.5476, 0.4798, 0.2688

Triad

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



29.5476, 0.3516, 0.2076



29.5476, 0.4536, 0.5068



29.5476, 0.1223, 0.2444

Complementary

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



29.5476, 0.3516, 0.2076



64.4396, 0.2913, 0.4979

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.



29.5476, 0.1592, 0.3723



29.5476, 0.3516, 0.2076



29.5476, 0.3489, 0.5653

Square

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



29.5476, 0.3516, 0.2076



29.5476, 0.5319, 0.4208



29.5476, 0.2413, 0.5195



29.5476, 0.1238, 0.1786

Rectangle

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



29.5476, 0.3516, 0.2076



29.5476, 0.5364, 0.3163



29.5476, 0.2413, 0.5195



29.5476, 0.1298, 0.2800

Sweetspot

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



29.5490, 0.3516, 0.2076



72.2837, 0.3216, 0.2907



16.6212, 0.2067, 0.1328



14.7158, 0.3232, 0.2847



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.



29.5490, 0.3516, 0.2076



29.6038, 0.3617, 0.1934



26.7398, 0.4504, 0.2799



15.9745, 0.3168, 0.3103



12.2522, 0.3785, 0.1859



1.0328, 0.3695, 0.1809

Inverse Universe

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



29.5490, 0.3516, 0.2076



29.6038, 0.3617, 0.1934



66.8802, 0.2576, 0.3932



15.9745, 0.3168, 0.3103



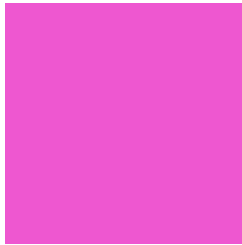
12.2522, 0.3785, 0.1859



1.0328, 0.3695, 0.1809

Previews

White Background



This preview shows how the Yxy color 29.5476, 0.3516, 0.2076 looks on a white background.

Color Contrast Check

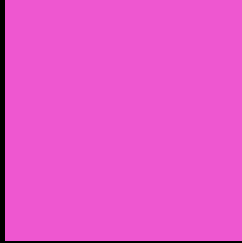
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5476, 0.3516, 0.2076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

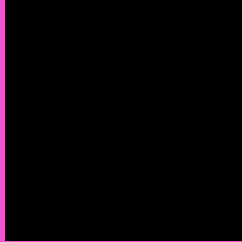
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5476, 0.3516, 0.2076

Background



This preview shows how black text looks on a background with the Yxy color 29.5476, 0.3516, 0.2076.



This preview shows how white text looks on a background with the Yxy color 29.5476, 0.3516, 0.2076.

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

29.5476, 0.3516, 0.2076

Protanopia

30.1801, 0.2060, 0.1860

Deuteranopia

29.7496, 0.2570, 0.2514



Tritanopia

29.3588, 0.4510, 0.3204

Trichromacy



Original Color

29.5476, 0.3516, 0.2076



Protanomaly

27.0724, 0.2403, 0.1847



Deuteranomaly

27.7022, 0.2867, 0.2269



Tritanomaly

28.8929, 0.4151, 0.2750

Monochromacy



Original Color

29.5476, 0.3516, 0.2076



Achromatopsia

28.7441, 0.3127, 0.3290



Achromatomaly

27.1155, 0.3268, 0.2679

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5476, 0.3516, 0.2076 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, 87, 208)` looks like.

```
.text, #text, p{  
    color:rgb(238, 87, 208)  
}
```

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, 87, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 87, 208) }
```

Border

The CSS property to change the border of an element to Yxy 29.5476, 0.3516, 0.2076 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, 87, 208) }
```

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

```
.border{ border-color:rgb(238, 87, 208) }
```

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

Here you see how a box with a 4 pixel rgb(238, 87, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 87, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 87, 208);  
box-shadow:4px 4px 4px 4px rgb(238, 87,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5476, 0.3516, 0.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 87, 208) }
```

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

```
.background{ background-color: rgb(238, 87,  
208) }
```

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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