

Converting Colors

$Y_{xy}(29.3813, 0.4260, 0.2643)$

Have a look what the booklet for
Yxy(29.3813, 0.4260, 0.2643)
contains.

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Color

Yxy(29.4671, 0.4255, 0.2641)

Conversions

Conversions Part 1

Format	Color
Hex	F55C9C
RGB	245, 92, 156
RGB Percent	96%, 36%, 61%
CMY	0.0393, 0.6390, 0.3883
CMYK	0.00, 0.62, 0.36, 0.04
HSL	335°, 88%, 66%
HSV	335°, 62%, 96%
XYZ	47.4754, 29.4671, 34.6330
YIQ	145.0430, 70.6440, 52.3400

Conversions

Conversions Part 2

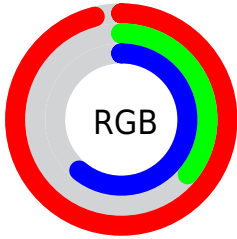
Format	Color
R _Y B	245, 92, 156
Decimal	16080028
CIE Lab	61.19, 63.99, -3.43
CIE LCh	61, 64.086, 356.928
Yxy	29.4671, 0.4255, 0.2641
Android (android.graphics.Color)	4294270108 (0xFFFF55C9C)
YUV	145.0430, 5.4018, 87.6623
Hunter-Lab	54.2836, 61.1163, 0.1714

Details

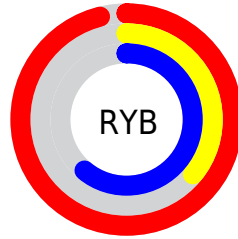
The Yxy color **29.4671, 0.4255, 0.2641** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **70.9009, 0.2650, 0.4138**, and the grayscale version is **28.2957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4080, 0.3578, 0.2666**, and **11.9491, 0.4619, 0.2433** is the 20% darker color. If you saturate the color by 10%, you get **25.4316, 0.4544, 0.2594**, and if you desaturate by 10%, it is **34.9341, 0.3991, 0.2722**.

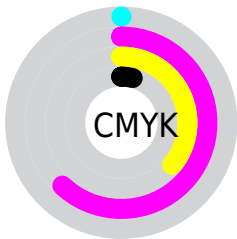
Distribution



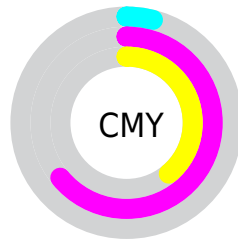
- Red (96%)
- Green (36%)
- Blue (61%)



- Red (96%)
- Yellow (36%)
- Blue (61%)



- Cyan (0%)
- Magenta (62%)
- Yellow (36%)
- Black (4%)




- Cyan (4%)
- Magenta (64%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4671, 0.4255, 0.2641 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 29.4671, 0.4255, 0.2641 by changing the saturation by 10% instead.


 29.4671, 0.4255,
0.2641


 29.4671, 0.4255,
0.2641


299.4125, 0.3657,
0.2981


 19.4345, 0.4415,
0.2552


 58.8184, 0.4030,
0.2768


 11.9846, 0.4626,
0.2435


 78.9058, 0.3947,
0.2814

 6.7332, 0.4917,
0.2277


 103.1137, 0.3879,
0.2853

 3.2958, 0.5339,
0.2050

 131.8263, 0.3821,
0.2886

 1.2881, 0.5995,
0.1707

165.4281, 0.3771,
0.2915

 0.1319, 0.7952,
0.0524

204.3035, 0.3728,

 0.0000, 1.0000,

0.2940

0.0000

248.8368, 0.3690,
0.2961

0.0000, 0.0000,
0.0000

29.4671, 0.4255,
0.2641

29.4671, 0.4255,
0.2641

25.4316, 0.4544,
0.2594

34.9341, 0.3991,
0.2722

22.6832, 0.4846,
0.2594

41.9492, 0.3760,
0.2823


21.0551, 0.5139,
0.2648


50.6221, 0.3564,
0.2934

20.3749, 0.5346,
0.2719

61.0515, 0.3399,
0.3048

73.3279, 0.3263,
0.3160

 87.5358, 0.3151,
0.3265

 98.1470, 0.3066,
0.3290

Harmonies

Analogous

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



29.4671, 0.3181, 0.2136



29.4671, 0.4255, 0.2641



29.4671, 0.5014, 0.3279

Triad

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



29.4671, 0.4255, 0.2641



29.4671, 0.3755, 0.5194



29.4671, 0.1452, 0.2132

Complementary

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



29.4671, 0.4255, 0.2641



70.9009, 0.2650, 0.4138

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.



29.4671, 0.1540, 0.2851



29.4671, 0.4255, 0.2641



29.4671, 0.2807, 0.5008

Square

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



29.4671, 0.4255, 0.2641



29.4671, 0.4596, 0.4689



29.4671, 0.1997, 0.3988



29.4671, 0.1688, 0.1832

Rectangle

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



29.4671, 0.4255, 0.2641



29.4671, 0.5150, 0.3740



29.4671, 0.1997, 0.3988



29.4671, 0.1444, 0.2319

Sweetspot

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



29.4687, 0.4255, 0.2641



71.2034, 0.3350, 0.3087



23.8006, 0.2562, 0.1571



14.4540, 0.3391, 0.3054



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.



29.4687, 0.4255, 0.2641



26.9038, 0.4626, 0.2589



29.7300, 0.5062, 0.3393



16.5975, 0.3228, 0.3191



11.0057, 0.5305, 0.2696



0.9873, 0.4981, 0.2518

Inverse Universe

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



29.4687, 0.4255, 0.2641



26.9038, 0.4626, 0.2589



68.1557, 0.2345, 0.3162



16.5975, 0.3228, 0.3191



11.0057, 0.5305, 0.2696



0.9873, 0.4981, 0.2518

Previews

White Background



This preview shows how the Yxy color 29.4671, 0.4255, 0.2641 looks on a white background.

Color Contrast Check

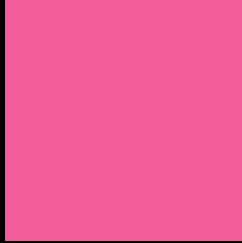
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4671, 0.4255, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

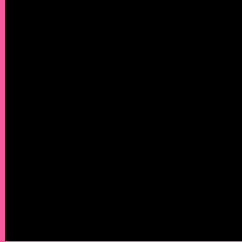
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4671, 0.4255, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 29.4671, 0.4255, 0.2641.



This preview shows how white text looks on a background with the Yxy color 29.4671, 0.4255, 0.2641.

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

29.4671, 0.4255, 0.2641

Protanopia

29.6377, 0.2653, 0.2621

Deuteranopia

29.4644, 0.3281, 0.3215



Tritanopia

29.3076, 0.4816, 0.3224

Trichromacy



Original Color

29.4671, 0.4255, 0.2641



Protanomaly

27.3662, 0.3139, 0.2572



Deuteranomaly

27.8561, 0.3626, 0.2925



Tritanomaly

29.1190, 0.4620, 0.3006

Monochromacy



Original Color

29.4671, 0.4255, 0.2641



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

26.9154, 0.3518, 0.2964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4671, 0.4255, 0.2641 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(245, 92, 156)` looks like.

```
.text, #text, p{  
    color:rgb(245, 92, 156)  
}
```

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(245, 92, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 92, 156) }
```

Border

The CSS property to change the border of an element to Yxy 29.4671, 0.4255, 0.2641 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(245, 92, 156) }
```

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

```
.border{ border-color:rgb(245, 92, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 92, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 92, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 92, 156);  
box-shadow:4px 4px 4px 4px rgb(245, 92,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4671, 0.4255, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 92, 156) }
```

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

```
.background{ background-color: rgb(245, 92,  
156) }
```

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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