

Converting Colors

$Y_{xy}(29.8255, 0.4299, 0.2706)$

Have a look what the booklet for
Yxy(29.8255, 0.4299, 0.2706)
contains.

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Color

Yxy(29.8639, 0.4301, 0.2709)

Conversions

Conversions Part 1

Format	Color
Hex	F55F98
RGB	245, 95, 152
RGB Percent	96%, 37%, 60%
CMY	0.0392, 0.6274, 0.4040
CMYK	0.00, 0.61, 0.38, 0.04
HSL	337°, 88%, 67%
HSV	337°, 61%, 96%
XYZ	47.4140, 29.8639, 32.9616
YIQ	146.3480, 71.1030, 49.5270

Conversions

Conversions Part 2

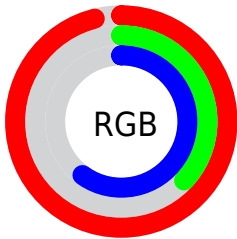
Format	Color
R_{YB}	245, 95, 152
Decimal	16080792
CIE _{Lab}	61.54, 62.34, -0.61
CIE _{LCh}	62, 62.339, 359.442
Yxy	29.8639, 0.4301, 0.2709
Android (android.graphics.Color)	4294270872 (0xFFFF55F98)
YUV	146.3480, 2.7864, 86.5178
Hunter-Lab	54.6479, 59.2379, 2.4919

Details

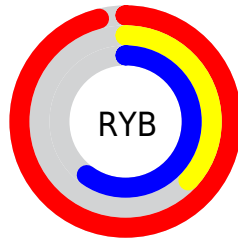
The Yxy color **29.8639, 0.4301, 0.2709** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **71.3698, 0.2628, 0.4038**, and the grayscale version is **28.8630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1727, 0.3612, 0.2735**, and **12.1630, 0.4690, 0.2520** is the 20% darker color. If you saturate the color by 10%, you get **25.6571, 0.4611, 0.2666**, and if you desaturate by 10%, it is **35.5250, 0.4020, 0.2784**.

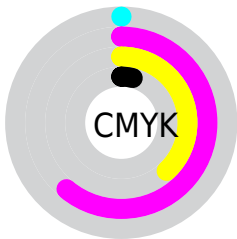
Distribution



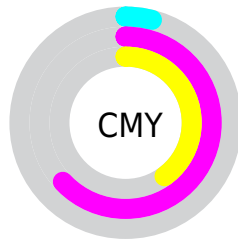
- Red (96%)
- Green (37%)
- Blue (60%)



- Red (96%)
- Yellow (37%)
- Blue (60%)



- Cyan (0%)
- Magenta (61%)
- Yellow (38%)
- Black (4%)





- Cyan (4%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8639, 0.4301, 0.2709 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 29.8639, 0.4301, 0.2709 by changing the saturation by 10% instead.


 29.8639, 0.4301,
0.2709


 29.8639, 0.4301,
0.2709


301.2695, 0.3677,
0.3017


 19.7353, 0.4468,
0.2627


 59.4469, 0.4065,
0.2825

 12.2028, 0.4690,
0.2518


 79.6701, 0.3980,
0.2867

 6.8819, 0.4995,
0.2369


 104.0269, 0.3908,
0.2903

 3.3884, 0.5438,
0.2152

 132.9017, 0.3847,
0.2933

 1.3377, 0.6128,
0.1817

166.6790, 0.3795,
0.2958

 0.1701, 0.8338,
0.0711

205.7432, 0.3751,

 0.0000, 1.0000,

0.2981

0.0000

250.4786, 0.3711,
0.3000

■ 0.0000, 0.0000,
0.0000

■ 29.8639, 0.4301,
0.2709

■ 29.8639, 0.4301,
0.2709

■ 25.6571, 0.4611,
0.2666

■ 35.5250, 0.4020,
0.2784

■ 22.7623, 0.4936,
0.2667

■ 42.7556, 0.3776,
0.2877


■ 21.0165, 0.5251,
0.2721


■ 51.6646, 0.3569,
0.2979

■ 20.2034, 0.5503,
0.2805

■ 62.3500, 0.3397,
0.3083

■ 74.9018, 0.3256,
0.3183

 89.4043, 0.3140,
0.3279

 98.1522, 0.3066,
0.3290

Harmonies

Analogous

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



29.8639, 0.3268, 0.2199



29.8639, 0.4301, 0.2709



29.8639, 0.4991, 0.3343

Triad

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



29.8639, 0.4301, 0.2709



29.8639, 0.3671, 0.5154



29.8639, 0.1499, 0.2126

Complementary

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



29.8639, 0.4301, 0.2709



71.3698, 0.2628, 0.4038

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.



29.8639, 0.1560, 0.2793



29.8639, 0.4301, 0.2709



29.8639, 0.2748, 0.4889

Square

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



29.8639, 0.4301, 0.2709



29.8639, 0.4505, 0.4714



29.8639, 0.1979, 0.3867



29.8639, 0.1758, 0.1859

Rectangle

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



29.8639, 0.4301, 0.2709



29.8639, 0.5089, 0.3798



29.8639, 0.1979, 0.3867



29.8639, 0.1483, 0.2299

Sweetspot

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



29.8655, 0.4301, 0.2709



72.4303, 0.3349, 0.3115



25.4080, 0.2645, 0.1632



14.6877, 0.3393, 0.3085



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.



29.8655, 0.4301, 0.2709



27.3780, 0.4674, 0.2663



31.9404, 0.4948, 0.3468



16.5867, 0.3234, 0.3200



10.9090, 0.5461, 0.2782



0.9781, 0.5122, 0.2595

Inverse Universe

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



29.8655, 0.4301, 0.2709



27.3780, 0.4674, 0.2663



64.2384, 0.2332, 0.3070



16.5867, 0.3234, 0.3200



10.9090, 0.5461, 0.2782



0.9781, 0.5122, 0.2595

Previews

White Background



This preview shows how the Yxy color 29.8639, 0.4301, 0.2709 looks on a white background.

Color Contrast Check

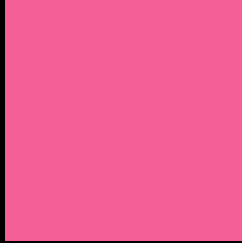
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8639, 0.4301, 0.2709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

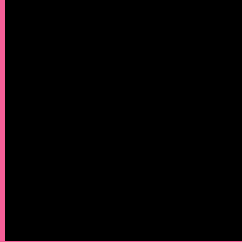
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8639, 0.4301, 0.2709

Background



This preview shows how black text looks on a background with the Yxy color 29.8639, 0.4301, 0.2709.



This preview shows how white text looks on a background with the Yxy color 29.8639, 0.4301, 0.2709.

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

29.8639, 0.4301, 0.2709

Protanopia

30.2580, 0.2728, 0.2737

Deuteranopia

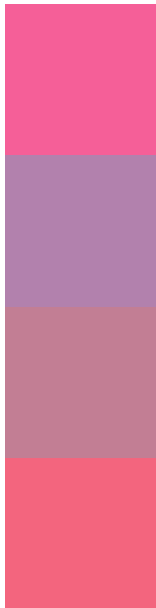
29.9902, 0.3342, 0.3276



Tritanopia

29.9256, 0.4787, 0.3223

Trichromacy



Original Color

29.8639, 0.4301, 0.2709

Protanomaly

28.1826, 0.3211, 0.2681

Deuteranomaly

28.5292, 0.3680, 0.2995

Tritanomaly

29.8684, 0.4614, 0.3037

Monochromacy



Original Color

29.8639, 0.4301, 0.2709

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.2619, 0.3539, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8639, 0.4301, 0.2709 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, 95, 152)` looks like.

```
.text, #text, p{  
  color:rgb(245, 95, 152)  
}
```

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, 95, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 95, 152) }
```

Border

The CSS property to change the border of an element to Yxy 29.8639, 0.4301, 0.2709 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, 95, 152) }
```

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

```
.border{ border-color:rgb(245, 95, 152) }
```

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

Here you see how a box with a 4 pixel rgb(245, 95, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 95, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 95, 152);  
box-shadow:4px 4px 4px 4px rgb(245, 95,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8639, 0.4301, 0.2709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 95, 152) }
```

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

```
.background{ background-color: rgb(245, 95,  
152) }
```

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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