

Converting Colors

$Y_{xy}(29.6875, 0.4708, 0.2962)$

Have a look what the booklet for
Yxy(29.6875, 0.4708, 0.2962)
contains.

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Color

Yxy(29.6850, 0.4709, 0.2963)

Conversions

Conversions Part 1

Format	Color
Hex	FA5D7F
RGB	250, 93, 127
RGB Percent	98%, 36%, 50%
CMY	0.0195, 0.6354, 0.5019
CMYK	0.00, 0.63, 0.49, 0.02
HSL	347°, 94%, 67%
HSV	347°, 63%, 98%
XYZ	47.1774, 29.6850, 23.3232
YIQ	143.8190, 82.6580, 43.8580

Conversions

Conversions Part 2

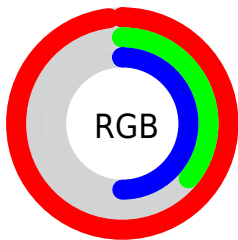
Format	Color
R _Y B	250, 93, 127
Decimal	16407935
CIE Lab	61.38, 62.34, 13.75
CIE LCh	61, 63.842, 12.437
Yxy	29.6850, 0.4709, 0.2963
Android (android.graphics.Color)	4294598015 (0xFFFA5D7F)
YUV	143.8190, -8.2918, 93.1207
Hunter-Lab	54.4839, 59.2155, 12.7582

Details

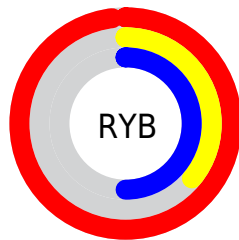
The Yxy color **29.6850, 0.4709, 0.2963** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **75.6732, 0.2509, 0.3716**, and the grayscale version is **27.8201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3680, 0.3878, 0.2978**, and **12.0719, 0.5245, 0.2811** is the 20% darker color. If you saturate the color by 10%, you get **25.5310, 0.5117, 0.2957**, and if you desaturate by 10%, it is **35.3755, 0.4331, 0.2996**.

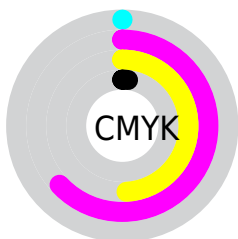
Distribution



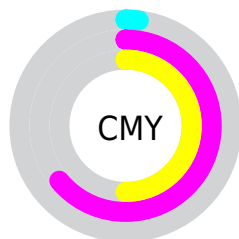
- Red (98%)
- Green (36%)
- Blue (50%)



- Red (98%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (63%)
- Yellow (49%)
- Black (2%)




- Cyan (2%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6850, 0.4709, 0.2963 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 29.6850, 0.4709, 0.2963 by changing the saturation by 10% instead.


 29.6850, 0.4709,
0.2963


 29.6850, 0.4709,
0.2963


300.4334, 0.3858,
0.3165

 19.5996, 0.4938,
0.2899


 59.1637, 0.4387,
0.3046


 12.1043, 0.5240,
0.2809


 79.3257, 0.4269,
0.3075

 6.8148, 0.5651,
0.2674


 103.6155, 0.4172,
0.3097

 3.3465, 0.6237,
0.2460

 132.4173, 0.4089,
0.3116

 1.3152, 0.7211,
0.2126

166.1157, 0.4019,
0.3131

 0.1529, 0.9278,
0.0722

205.0948, 0.3958,

 0.0000, 1.0000,

0.3145

0.0000

249.7393, 0.3905,
0.3156

■ 0.0000, 0.0000,
0.0000

■ 29.6850, 0.4709,
0.2963

■ 29.6850, 0.4709,
0.2963

■ 25.5310, 0.5117,
0.2957

■ 35.3755, 0.4331,
0.2996

■ 22.7569, 0.5520,
0.2987

■ 42.7291, 0.4001,
0.3045


■ 21.1813, 0.5870,
0.3055

■ 51.8648, 0.3725,
0.3102

■ 20.5973, 0.6070,
0.3117

■ 62.8893, 0.3497,
0.3162

■ 75.9010, 0.3313,
0.3220

 90.9911, 0.3164,
0.3275

 99.0693, 0.3096,
0.3290

Harmonies

Analogous

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



29.6850, 0.3739, 0.2379



29.6850, 0.4709, 0.2963



29.6850, 0.5136, 0.3635

Triad

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



29.6850, 0.4709, 0.2963



29.6850, 0.3265, 0.5202



29.6850, 0.1542, 0.1939

Complementary

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



29.6850, 0.4709, 0.2963



75.6732, 0.2509, 0.3716

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.



29.6850, 0.1460, 0.2426



29.6850, 0.4709, 0.2963



29.6850, 0.2359, 0.4543

Square

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



29.6850, 0.4709, 0.2963



29.6850, 0.4184, 0.4994



29.6850, 0.1719, 0.3364



29.6850, 0.1946, 0.1814

Rectangle

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



29.6850, 0.4709, 0.2963



29.6850, 0.5037, 0.4109



29.6850, 0.1719, 0.3364



29.6850, 0.1479, 0.2055

Sweetspot

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



29.6866, 0.4709, 0.2963



70.6801, 0.3423, 0.3184



29.3279, 0.2872, 0.1702



14.3289, 0.3479, 0.3167



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.



29.6866, 0.4709, 0.2963



25.9224, 0.5210, 0.2961



39.1462, 0.4811, 0.3735



17.2868, 0.3260, 0.3239



10.9398, 0.6033, 0.3097



1.0282, 0.5711, 0.2920

Inverse Universe

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



29.6866, 0.4709, 0.2963



25.9224, 0.5210, 0.2961



53.1472, 0.2239, 0.2721



17.2868, 0.3260, 0.3239



10.9398, 0.6033, 0.3097



1.0282, 0.5711, 0.2920

Previews

White Background



This preview shows how the Yxy color 29.6850, 0.4709, 0.2963 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 29.6850, 0.4709, 0.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

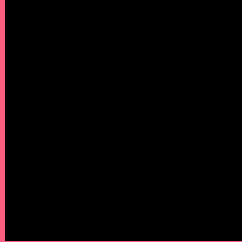
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6850, 0.4709, 0.2963

Background



This preview shows how black text looks on a background with the Yxy color 29.6850, 0.4709, 0.2963.



This preview shows how white text looks on a background with the Yxy color 29.6850, 0.4709, 0.2963.

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

29.6850, 0.4709, 0.2963

Protanopia

29.9697, 0.3062, 0.3166

Deuteranopia

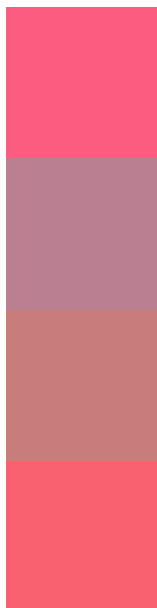
29.8852, 0.3701, 0.3633



Tritanopia

29.6886, 0.4986, 0.3229

Trichromacy



Original Color

29.6850, 0.4709, 0.2963

Protanomaly

27.9218, 0.3618, 0.3054

Deuteranomaly

28.5148, 0.4074, 0.3319

Tritanomaly

29.6753, 0.4888, 0.3141

Monochromacy



Original Color

29.6850, 0.4709, 0.2963

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.5695, 0.3677, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6850, 0.4709, 0.2963 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(250, 93, 127)` looks like.

```
.text, #text, p{  
    color:rgb(250, 93, 127)  
}
```

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(250, 93, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 93, 127) }
```

Border

The CSS property to change the border of an element to Yxy 29.6850, 0.4709, 0.2963 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(250, 93, 127) }
```

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

```
.border{ border-color:rgb(250, 93, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 93, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 93, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 93, 127);  
box-shadow:4px 4px 4px 4px rgb(250, 93,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6850, 0.4709, 0.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 93, 127) }
```

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

```
.background{ background-color: rgb(250, 93,  
127) }
```

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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