

Converting Colors

Yxy(27.4393, 0.4651, 0.2649)

Have a look what the booklet for
Yxy(27.4393, 0.4651, 0.2649)
contains.

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Color

Yxy(27.4393, 0.4651, 0.2649)

Conversions

Conversions Part 1

Format	Color
Hex	FF458D
RGB	255, 69, 141
RGB Percent	100%, 27%, 55%
CMY	0.0000, 0.7294, 0.4469
CMYK	0.00, 0.73, 0.45, 0.00
HSL	337°, 100%, 64%
HSV	337°, 73%, 100%
XYZ	48.1767, 27.4393, 27.9676
YIQ	132.8220, 87.7440, 61.8240

Conversions

Conversions Part 2

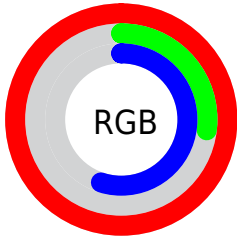
Format	Color
R _Y B	255, 69, 141
Decimal	16729485
CIE _{Lab}	59.38, 73.75, 2.83
CIE _{LCh}	59, 73.806, 2.197
Y _{xy}	27.4393, 0.4651, 0.2649
Android (android.graphics.Color)	4294919565 (0xFFFF458D)
YUV	132.8220, 4.0318, 107.1501
Hunter-Lab	52.3825, 72.4988, 5.0122

Details

The Yxy color **27.4393, 0.4651, 0.2649** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **76.2016, 0.2598, 0.4234**, and the grayscale version is **23.3511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.3876, 0.3779, 0.2646**, and **12.0928, 0.5087, 0.2576** is the 20% darker color. If you saturate the color by 10%, you get **24.5155, 0.4972, 0.2658**, and if you desaturate by 10%, it is **31.7783, 0.4340, 0.2686**.

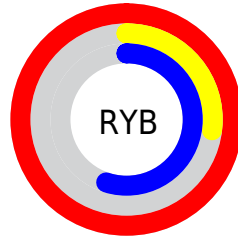
Distribution



Red (100%)

Green (27%)

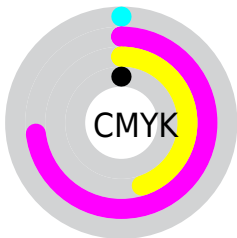
Blue (55%)



Red (100%)

Yellow (27%)

Blue (55%)

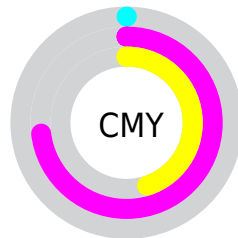


Cyan (0%)

Magenta (73%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4393, 0.4651, 0.2649 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 27.4393, 0.4651, 0.2649 by changing the saturation by 10% instead.

 27.4393, 0.4651,
0.2649


 27.4393, 0.4651,
0.2649


289.7779, 0.3831,
0.3000


 17.9034, 0.4873,
0.2552


 55.5880, 0.4340,
0.2783

 10.8807, 0.5166,
0.2423

 74.9696, 0.4227,
0.2832

 5.9867, 0.5569,
0.2244

 98.4019, 0.4133,
0.2872

 2.8370, 0.6149,
0.1981

 126.2694, 0.4054,
0.2905

 1.0472, 0.7023,
0.1575

 158.9563, 0.3986,
0.2934

 0.0000, 1.0000,
0.0000

196.8471, 0.3927,

 0.0000, 0.0000,

0.2959

0.0000

240.3261, 0.3876,
0.2981

■ 27.4393, 0.4651,
0.2649

■ 27.4393, 0.4651,
0.2649

■ 24.5155, 0.4972,
0.2658

■ 31.7783, 0.4340,
0.2686

■ 22.8133, 0.5279,
0.2721

■ 37.6839, 0.4057,
0.2758


■ 22.1553, 0.5479,
0.2792

■ 45.2929, 0.3809,
0.2851

■ 54.7257, 0.3598,
0.2954

■ 66.0918, 0.3422,
0.3060

 79.4919, 0.3277,
0.3164

 95.0197, 0.3158,
0.3262

99.9994, 0.3127,
0.3290

Harmonies

Analogous

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



27.4393, 0.3395, 0.2062



27.4393, 0.4651, 0.2649



27.4393, 0.5405, 0.3356

Triad

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



27.4393, 0.4651, 0.2649



27.4393, 0.3590, 0.5562



27.4393, 0.1265, 0.1862

Complementary

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



27.4393, 0.4651, 0.2649



76.2016, 0.2598, 0.4234

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.



27.4393, 0.1282, 0.2559



27.4393, 0.4651, 0.2649



27.4393, 0.2529, 0.5215

Square

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



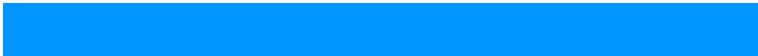
27.4393, 0.4651, 0.2649



27.4393, 0.4597, 0.4965



27.4393, 0.1688, 0.3845



27.4393, 0.1581, 0.1621

Rectangle

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



27.4393, 0.4651, 0.2649



27.4393, 0.5431, 0.3864



27.4393, 0.1688, 0.3845



27.4393, 0.1233, 0.2034

Sweetspot

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



27.4408, 0.4651, 0.2649



67.2612, 0.3407, 0.3070



21.2530, 0.2492, 0.1353



13.6838, 0.3450, 0.3041



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.



27.4408, 0.4651, 0.2649



23.5152, 0.5131, 0.2684



28.6046, 0.5507, 0.3442



18.1035, 0.3233, 0.3198



11.6040, 0.5436, 0.2768



1.1505, 0.5130, 0.2600

Inverse Universe

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



27.4408, 0.4651, 0.2649



23.5152, 0.5131, 0.2684



68.7058, 0.2254, 0.3060



18.1035, 0.3233, 0.3198



11.6040, 0.5436, 0.2768



1.1505, 0.5130, 0.2600

Previews

White Background



This preview shows how the Yxy color 27.4393, 0.4651, 0.2649 looks on a white background.

Color Contrast Check

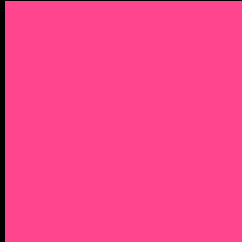
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4393, 0.4651, 0.2649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

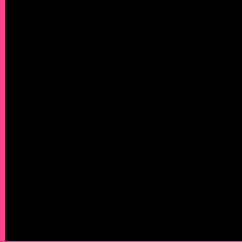
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4393, 0.4651, 0.2649

Background



This preview shows how black text looks on a background with the Yxy color 27.4393, 0.4651, 0.2649.



This preview shows how white text looks on a background with the Yxy color 27.4393, 0.4651, 0.2649.

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

27.4393, 0.4651, 0.2649

Protanopia

27.7122, 0.2657, 0.2645

Deuteranopia

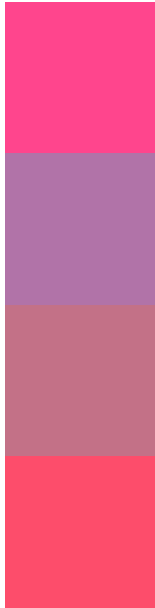
27.4200, 0.3450, 0.3384



Tritanopia

27.4182, 0.5328, 0.3255

Trichromacy



Original Color

27.4393, 0.4651, 0.2649

Protanomaly

24.4357, 0.3268, 0.2549

Deuteranomaly

25.1616, 0.3903, 0.2996

Tritanomaly

27.2519, 0.5101, 0.3034

Monochromacy



Original Color

27.4393, 0.4651, 0.2649

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.2765, 0.3678, 0.2911

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4393, 0.4651, 0.2649 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(255, 69, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 141)  
}
```

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(255, 69, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 141) }
```

Border

The CSS property to change the border of an element to Yxy 27.4393, 0.4651, 0.2649 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(255, 69, 141) }
```

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

```
.border{ border-color:rgb(255, 69, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 69, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4393, 0.4651, 0.2649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 141) }
```

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

```
.background{ background-color: rgb(255, 69,  
141) }
```

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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