

Converting Colors

$Y_{xy}(27.9724, 0.4613, 0.2658)$

Have a look what the booklet for
Yxy(27.9724, 0.4613, 0.2658)
contains.

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Color

Yxy(28.0083, 0.4608, 0.2657)

Conversions

Conversions Part 1

Format	Color
Hex	FF498F
RGB	255, 73, 143
RGB Percent	100%, 29%, 56%
CMY	0.0001, 0.7136, 0.4392
CMYK	0.00, 0.71, 0.44, 0.00
HSL	337°, 100%, 64%
HSV	337°, 71%, 100%
XYZ	48.5744, 28.0083, 28.8305
YIQ	135.3980, 86.0020, 60.3540

Conversions

Conversions Part 2

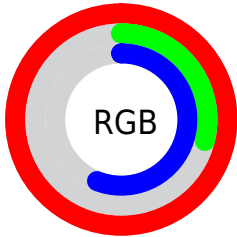
Format	Color
R _Y B	255, 73, 143
Decimal	16730511
CIE Lab	59.90, 72.62, 2.43
CIE LCh	60, 72.656, 1.914
Yxy	28.0083, 0.4608, 0.2657
Android (android.graphics.Color)	4294920591 (0xFFFF498F)
YUV	135.3980, 3.7478, 104.8910
Hunter-Lab	52.9229, 71.2184, 4.7469

Details

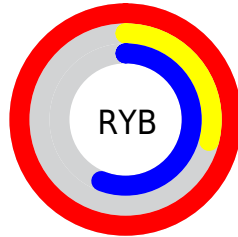
The Yxy color **28.0083, 0.4608, 0.2657** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **76.4286, 0.2599, 0.4202**, and the grayscale version is **24.3528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3414, 0.3740, 0.2646**, and **12.1278, 0.5043, 0.2552** is the 20% darker color. If you saturate the color by 10%, you get **24.8731, 0.4930, 0.2659**, and if you desaturate by 10%, it is **32.5855, 0.4299, 0.2700**.

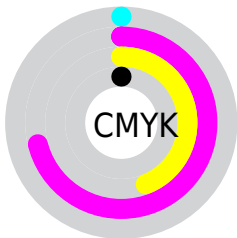
Distribution



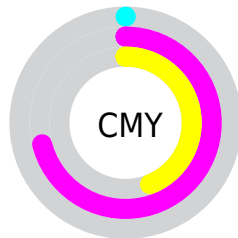
- Red (100%)
- Green (29%)
- Blue (56%)



- Red (100%)
- Yellow (29%)
- Blue (56%)



- Cyan (0%)
- Magenta (71%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0083, 0.4608, 0.2657 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 28.0083, 0.4608, 0.2657 by changing the saturation by 10% instead.


 28.0083, 0.4608,
0.2657


 28.0083, 0.4608,
0.2657


292.5066, 0.3813,
0.3001


 18.3319, 0.4822,
0.2563


 56.4977, 0.4307,
0.2789

 11.1885, 0.5105,
0.2437


 76.0795, 0.4198,
0.2836

 6.1938, 0.5494,
0.2262

 99.7319, 0.4106,
0.2875

 2.9633, 0.6053,
0.2008

 127.8393, 0.4029,
0.2909

 1.1126, 0.6899,
0.1614

160.7860, 0.3964,
0.2937

 0.0000, 1.0000,
0.0000

198.9566, 0.3907,

 0.0000, 0.0000,

0.2961

0.0000

242.7353, 0.3857,
0.2983

■ 28.0083, 0.4608,
0.2657

■ 28.0083, 0.4608,
0.2657

■ 24.8731, 0.4930,
0.2659

■ 32.5855, 0.4299,
0.2700

■ 22.9927, 0.5243,
0.2714


■ 38.7522, 0.4019,
0.2775

■ 22.1385, 0.5490,
0.2798

■ 46.6425, 0.3776,
0.2870

■ 56.3749, 0.3569,
0.2973

■ 68.0574, 0.3398,
0.3078

 81.7895, 0.3257,
0.3181

 97.6640, 0.3141,
0.3277

99.9960, 0.3127,
0.3290

Harmonies

Analogous

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



28.0083, 0.3379, 0.2079



28.0083, 0.4608, 0.2657



28.0083, 0.5355, 0.3356

Triad

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



28.0083, 0.4608, 0.2657



28.0083, 0.3602, 0.5512



28.0083, 0.1292, 0.1893

Complementary

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



28.0083, 0.4608, 0.2657



76.4286, 0.2599, 0.4202

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.



28.0083, 0.1314, 0.2588



28.0083, 0.4608, 0.2657



28.0083, 0.2556, 0.5174

Square

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



28.0083, 0.4608, 0.2657



28.0083, 0.4589, 0.4937



28.0083, 0.1723, 0.3849



28.0083, 0.1602, 0.1649

Rectangle

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



28.0083, 0.4608, 0.2657



28.0083, 0.5391, 0.3859



28.0083, 0.1723, 0.3849



28.0083, 0.1262, 0.2065

Sweetspot

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



28.0099, 0.4608, 0.2657



68.5194, 0.3392, 0.3082



21.9595, 0.2510, 0.1386



13.9282, 0.3436, 0.3053



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.



28.0099, 0.4608, 0.2657



23.8602, 0.5078, 0.2678



29.2604, 0.5436, 0.3443



18.1027, 0.3234, 0.3199



11.5969, 0.5447, 0.2774



1.1497, 0.5141, 0.2605

Inverse Universe

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



28.0099, 0.4608, 0.2657



23.8602, 0.5078, 0.2678



69.0809, 0.2264, 0.3066



18.1027, 0.3234, 0.3199



11.5969, 0.5447, 0.2774



1.1497, 0.5141, 0.2605

Previews

White Background



This preview shows how the Yxy color 28.0083, 0.4608, 0.2657 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 28.0083, 0.4608, 0.2657 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 28.0083, 0.4608, 0.2657

Background



This preview shows how black text looks on a background with the Yxy color 28.0083, 0.4608, 0.2657.



This preview shows how white text looks on a background with the Yxy color 28.0083, 0.4608, 0.2657.

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

28.0083, 0.4608, 0.2657

Protanopia

28.2160, 0.2668, 0.2650

Deuteranopia

28.1588, 0.3434, 0.3384



Tritanopia

28.0892, 0.5263, 0.3262

Trichromacy



Original Color

28.0083, 0.4608, 0.2657



Protanomaly

25.3241, 0.3254, 0.2567



Deuteranomaly

26.0327, 0.3877, 0.3010



Tritanomaly

27.8716, 0.5051, 0.3046

Monochromacy



Original Color

28.0083, 0.4608, 0.2657



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

23.0070, 0.3670, 0.2915

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0083, 0.4608, 0.2657 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, 73, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 73, 143)  
}
```

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, 73, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 73, 143) }
```

Border

The CSS property to change the border of an element to Yxy 28.0083, 0.4608, 0.2657 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, 73, 143) }
```

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

```
.border{ border-color:rgb(255, 73, 143) }
```

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

Here you see how a box with a 4 pixel rgb(255, 73, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 73, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 73, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 73,  
143) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 28.0083, 0.4608, 0.2657$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 73, 143) }
```

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

```
.background{ background-color: rgb(255, 73,  
143) }
```

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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