

Converting Colors

$Y_{xy}(27.2580, 0.4404, 0.2654)$

Have a look what the booklet for
Yxy(27.2580, 0.4404, 0.2654)
contains.

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Color

Yxy(27.3165, 0.4408, 0.2661)

Conversions

Conversions Part 1

Format	Color
Hex	F35392
RGB	243, 83, 146
RGB Percent	95%, 33%, 57%
CMY	0.0470, 0.6746, 0.4274
CMYK	0.00, 0.66, 0.40, 0.05
HSL	336°, 87%, 64%
HSV	336°, 66%, 95%
XYZ	45.2503, 27.3165, 30.0882
YIQ	138.0220, 75.1370, 53.5130

Conversions

Conversions Part 2

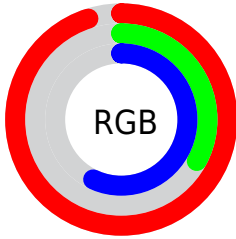
Format	Color
R _Y B	243, 83, 146
Decimal	15946642
CIE Lab	59.27, 66.00, -0.50
CIE LCh	59, 65.998, 359.566
Yxy	27.3165, 0.4408, 0.2661
Android (android.graphics.Color)	4294136722 (0xFFFF35392)
YUV	138.0220, 3.9332, 92.0657
Hunter-Lab	52.2652, 63.0782, 2.4534

Details

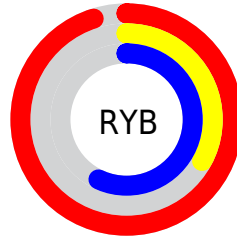
The Yxy color **27.3165, 0.4408, 0.2661** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **69.2472, 0.2621, 0.4138**, and the grayscale version is **25.3859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.4799, 0.3693, 0.2685**, and **10.8113, 0.4839, 0.2443** is the 20% darker color. If you saturate the color by 10%, you get **23.8000, 0.4718, 0.2634**, and if you desaturate by 10%, it is **32.1973, 0.4120, 0.2726**.

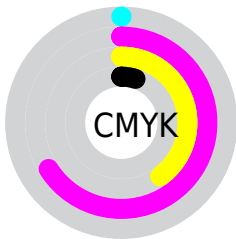
Distribution



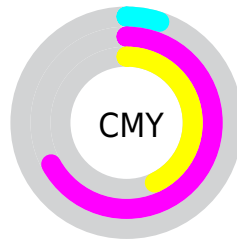
- Red (95%)
- Green (33%)
- Blue (57%)



- Red (95%)
- Yellow (33%)
- Blue (57%)



- Cyan (0%)
- Magenta (66%)
- Yellow (40%)
- Black (5%)





- Cyan (5%)
- Magenta (67%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3165, 0.4408, 0.2661 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 27.3165, 0.4408, 0.2661 by changing the saturation by 10% instead.

 27.3165, 0.4408,
0.2661

 27.3165, 0.4408,
0.2661


289.1863, 0.3718,
0.2999


 17.8111, 0.4596,
0.2569


 55.3913, 0.4146,
0.2789


 10.8144, 0.4845,
0.2448


 74.7295, 0.4051,
0.2836

 5.9422, 0.5192,
0.2279

 98.1141, 0.3972,
0.2875

 2.8100, 0.5699,
0.2033

 125.9294, 0.3905,
0.2907

 1.0333, 0.6493,
0.1649

158.5599, 0.3848,
0.2935

 0.0000, 1.0000,
0.0000

196.3900, 0.3799,

 0.0000, 0.0000,

0.2959

0.0000

239.8040, 0.3756,
0.2980

■ 27.3165, 0.4408,
0.2661

■ 27.3165, 0.4408,
0.2661

■ 23.8000, 0.4718,
0.2634

■ 32.1973, 0.4120,
0.2726

■ 21.4982, 0.5034,
0.2656

■ 38.5627, 0.3866,
0.2815


■ 20.2331, 0.5330,
0.2732


■ 46.5245, 0.3648,
0.2918


■ 19.8980, 0.5445,
0.2773

■ 56.1824, 0.3465,
0.3026

■ 67.6281, 0.3314,
0.3132

 80.9466, 0.3189,
0.3233

 96.2174, 0.3087,
0.3329

 97.7986, 0.3054,
0.3290

Harmonies

Analogous

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



27.3165, 0.3278, 0.2123



27.3165, 0.4408, 0.2661



27.3165, 0.5153, 0.3325

Triad

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



27.3165, 0.4408, 0.2661



27.3165, 0.3679, 0.5317



27.3165, 0.1392, 0.2030

Complementary

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



27.3165, 0.4408, 0.2661



69.2472, 0.2621, 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.



27.3165, 0.1447, 0.2731



27.3165, 0.4408, 0.2661



27.3165, 0.2694, 0.5055

Square

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



27.3165, 0.4408, 0.2661



27.3165, 0.4582, 0.4798



27.3165, 0.1879, 0.3911



27.3165, 0.1664, 0.1759

Rectangle

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



27.3165, 0.4408, 0.2661



27.3165, 0.5243, 0.3803



27.3165, 0.1879, 0.3911



27.3165, 0.1373, 0.2209

Sweetspot

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



27.3180, 0.4408, 0.2661



69.8323, 0.3374, 0.3088



22.2403, 0.2572, 0.1511



14.1845, 0.3417, 0.3058



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.



27.3180, 0.4408, 0.2661



25.5472, 0.4825, 0.2636



28.6036, 0.5178, 0.3445



16.5906, 0.3232, 0.3197



10.9432, 0.5404, 0.2751



0.9814, 0.5071, 0.2567

Inverse Universe

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



27.3180, 0.4408, 0.2661



25.5472, 0.4825, 0.2636



63.2584, 0.2303, 0.3086



16.5906, 0.3232, 0.3197



10.9432, 0.5404, 0.2751



0.9814, 0.5071, 0.2567

Previews

White Background



This preview shows how the Yxy color 27.3165, 0.4408, 0.2661 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 27.3165, 0.4408, 0.2661 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 27.3165, 0.4408, 0.2661

Background



This preview shows how black text looks on a background with the Yxy color 27.3165, 0.4408, 0.2661.



This preview shows how white text looks on a background with the Yxy color 27.3165, 0.4408, 0.2661.

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

27.3165, 0.4408, 0.2661

Protanopia

27.7099, 0.2681, 0.2674

Deuteranopia

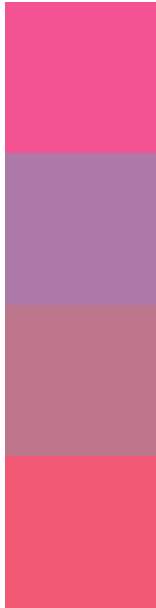
27.3829, 0.3362, 0.3291



Tritanopia

27.2548, 0.5000, 0.3237

Trichromacy



Original Color

27.3165, 0.4408, 0.2661

Protanomaly

25.4236, 0.3205, 0.2609

Deuteranomaly

25.8271, 0.3746, 0.2975

Tritanomaly

27.1065, 0.4799, 0.3025

Monochromacy



Original Color

27.3165, 0.4408, 0.2661

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.1101, 0.3577, 0.2954

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3165, 0.4408, 0.2661 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(243, 83, 146)` looks like.

```
.text, #text, p{  
    color:rgb(243, 83, 146)  
}
```

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(243, 83, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 83, 146) }
```

Border

The CSS property to change the border of an element to Yxy 27.3165, 0.4408, 0.2661 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(243, 83, 146) }
```

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

```
.border{ border-color:rgb(243, 83, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 83, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 83, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 83, 146);  
box-shadow:4px 4px 4px 4px rgb(243, 83,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3165, 0.4408, 0.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 83, 146) }
```

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

```
.background{ background-color: rgb(243, 83,  
146) }
```

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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