

Converting Colors

$Y_{xy}(27.5608, 0.4805, 0.2983)$

Have a look what the booklet for
Yxy(27.5608, 0.4805, 0.2983)
contains.

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Color

Yxy(27.5608, 0.4805, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	F55777
RGB	245, 87, 119
RGB Percent	96%, 34%, 47%
CMY	0.0392, 0.6588, 0.5333
CMYK	0.00, 0.64, 0.51, 0.04
HSL	348°, 89%, 65%
HSV	348°, 64%, 96%
XYZ	44.3948, 27.5608, 20.4373
YIQ	137.8900, 83.8960, 43.4480

Conversions

Conversions Part 2

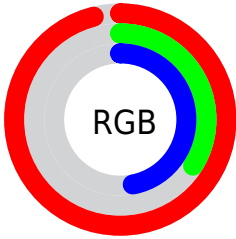
Format	Color
R_{YB}	245, 87, 119
Decimal	16078711
CIE _{Lab}	59.49, 62.56, 15.64
CIE _{LCh}	59, 64.482, 14.040
Yxy	27.5608, 0.4805, 0.2983
Android (android.graphics.Color)	4294268791 (0xFFFF55777)
YUV	137.8900, -9.3128, 93.9355
Hunter-Lab	52.4984, 59.0748, 13.6676

Details

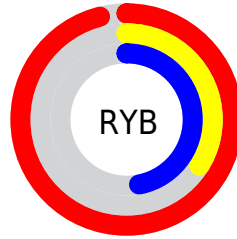
The Yxy color **27.5608, 0.4805, 0.2983** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **72.1347, 0.2491, 0.3699**, and the grayscale version is **25.3856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.1468, 0.3993, 0.3010**, and **10.9548, 0.5380, 0.2823** is the 20% darker color. If you saturate the color by 10%, you get **23.8232, 0.5221, 0.2984**, and if you desaturate by 10%, it is **32.7434, 0.4413, 0.3009**.

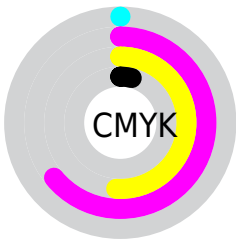
Distribution



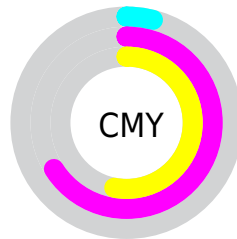
- Red (96%)
- Green (34%)
- Blue (47%)



- Red (96%)
- Yellow (34%)
- Blue (47%)



- Cyan (0%)
- Magenta (64%)
- Yellow (51%)
- Black (4%)



- Cyan (4%)
- Magenta (66%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5608, 0.4805, 0.2983 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 27.5608, 0.4805, 0.2983 by changing the saturation by 10% instead.


 27.5608, 0.4805,
0.2983


 27.5608, 0.4805,
0.2983


290.3623, 0.3892,
0.3182


 17.9948, 0.5053,
0.2916


 55.7825, 0.4457,
0.3067

 10.9463, 0.5382,
0.2820


 75.2070, 0.4331,
0.3095

 6.0307, 0.5832,
0.2674

 98.6865, 0.4227,
0.3118

 2.8638, 0.6472,
0.2435

 126.6053, 0.4139,
0.3136

 1.0610, 0.7782,
0.2118

159.3479, 0.4063,
0.3150

 0.0000, 1.0000,
0.0000

197.2987, 0.3998,

 0.0000, 0.0000,

0.3163

0.0000

240.8420, 0.3942,
0.3173

■ 27.5608, 0.4805,
0.2983

■ 27.5608, 0.4805,
0.2983

■ 23.8232, 0.5221,
0.2984

■ 32.7434, 0.4413,
0.3009

■ 21.3774, 0.5622,
0.3020

■ 39.4946, 0.4069,
0.3053


■ 20.0439, 0.5958,
0.3091


■ 47.9297, 0.3778,
0.3105

■ 19.6395, 0.6104,
0.3137

■ 58.1522, 0.3539,
0.3161

■ 70.2569, 0.3344,
0.3216

 84.3321, 0.3187,
0.3268

 98.1523, 0.3066,
0.3290

Harmonies

Analogous

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



27.5608, 0.3818, 0.2380



27.5608, 0.4805, 0.2983



27.5608, 0.5203, 0.3671

Triad

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



27.5608, 0.4805, 0.2983



27.5608, 0.3207, 0.5263



27.5608, 0.1514, 0.1884

Complementary

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



27.5608, 0.4805, 0.2983



72.1347, 0.2491, 0.3699

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.



27.5608, 0.1412, 0.2356



27.5608, 0.4805, 0.2983



27.5608, 0.2285, 0.4533

Square

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



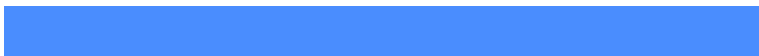
27.5608, 0.4805, 0.2983



27.5608, 0.4157, 0.5070



27.5608, 0.1652, 0.3299



27.5608, 0.1944, 0.1777

Rectangle

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



27.5608, 0.4805, 0.2983



27.5608, 0.5071, 0.4157



27.5608, 0.1652, 0.3299



27.5608, 0.1444, 0.1995

Sweetspot

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



27.5623, 0.4805, 0.2983



70.6447, 0.3428, 0.3191



27.2249, 0.2863, 0.1669



14.3205, 0.3485, 0.3175



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.



27.5623, 0.4805, 0.2983



25.2420, 0.5332, 0.2990



36.5414, 0.4872, 0.3740



16.5374, 0.3262, 0.3242



10.5960, 0.6069, 0.3117



0.9454, 0.5735, 0.2933

Inverse Universe

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



27.5623, 0.4805, 0.2983



25.2420, 0.5332, 0.2990



50.0367, 0.2222, 0.2704



16.5374, 0.3262, 0.3242



10.5960, 0.6069, 0.3117



0.9454, 0.5735, 0.2933

Previews

White Background



This preview shows how the Yxy color 27.5608, 0.4805, 0.2983 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 27.5608, 0.4805, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

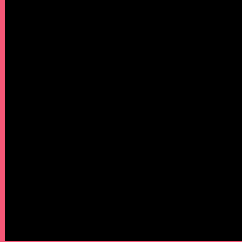
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5608, 0.4805, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 27.5608, 0.4805, 0.2983.



This preview shows how white text looks on a background with the Yxy color 27.5608, 0.4805, 0.2983.

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

27.5608, 0.4805, 0.2983

Protanopia

27.8028, 0.3099, 0.3210

Deuteranopia

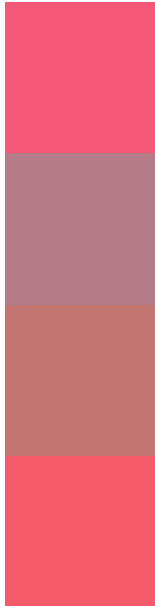
27.6495, 0.3765, 0.3704



Tritanopia

27.5783, 0.5075, 0.3239

Trichromacy



Original Color

27.5608, 0.4805, 0.2983

Protanomaly

25.7958, 0.3672, 0.3090

Deuteranomaly

26.1443, 0.4164, 0.3360

Tritanomaly

27.5653, 0.4975, 0.3151

Monochromacy



Original Color

27.5608, 0.4805, 0.2983

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.1795, 0.3713, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5608, 0.4805, 0.2983 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, 87, 119)` looks like.

```
.text, #text, p{  
    color:rgb(245, 87, 119)  
}
```

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, 87, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 87, 119) }
```

Border

The CSS property to change the border of an element to Yxy 27.5608, 0.4805, 0.2983 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, 87, 119) }
```

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

```
.border{ border-color:rgb(245, 87, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 87, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 87, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 87, 119);  
box-shadow:4px 4px 4px 4px rgb(245, 87,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5608, 0.4805, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 87, 119) }
```

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

```
.background{ background-color: rgb(245, 87,  
119) }
```

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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