

Converting Colors

$Y_{xy}(27.8263, 0.4827, 0.2900)$

Have a look what the booklet for
Yxy(27.8263, 0.4827, 0.2900)
contains.

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Color

Yxy(27.8241, 0.4833, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	FB517B
RGB	251, 81, 123
RGB Percent	98%, 32%, 48%
CMY	0.0158, 0.6821, 0.5177
CMYK	0.00, 0.68, 0.51, 0.02
HSL	345°, 95%, 65%
HSV	345°, 68%, 98%
XYZ	46.2905, 27.8241, 21.6654
YIQ	136.6180, 87.8380, 49.1020

Conversions

Conversions Part 2

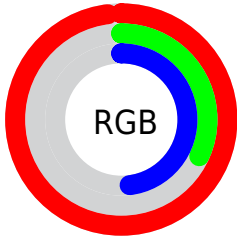
Format	Color
R _Y B	251, 81, 123
Decimal	16470395
CIE Lab	59.73, 66.97, 13.81
CIE LCh	60, 68.376, 11.649
Yxy	27.8241, 0.4833, 0.2905
Android (android.graphics.Color)	4294660475 (0xFFFB517B)
YUV	136.6180, -6.7137, 100.3130
Hunter-Lab	52.7486, 64.3361, 12.5718

Details

The Yxy color **27.8241, 0.4833, 0.2905** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **75.3277, 0.2507, 0.3824**, and the grayscale version is **24.8739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1113, 0.3963, 0.2927**, and **11.3268, 0.5395, 0.2746** is the 20% darker color. If you saturate the color by 10%, you get **24.3282, 0.5230, 0.2913**, and if you desaturate by 10%, it is **32.7921, 0.4453, 0.2932**.

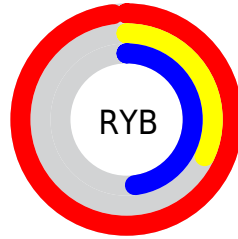
Distribution



Red (98%)

Green (32%)

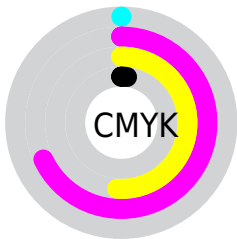
Blue (48%)



Red (98%)

Yellow (32%)

Blue (48%)

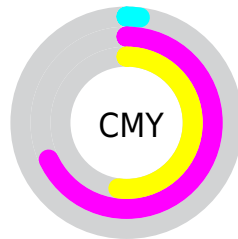


Cyan (0%)

Magenta (68%)

Yellow (51%)

Black (2%)



Cyan (2%)

Magenta (68%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8241, 0.4833, 0.2905 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 27.8241, 0.4833, 0.2905 by changing the saturation by 10% instead.


 27.8241, 0.4833,
0.2905

 27.8241, 0.4833,
0.2905


291.6254, 0.3908,
0.3143


 18.1931, 0.5083,
0.2830


 56.2035, 0.4481,
0.3003

 11.0887, 0.5414,
0.2724

 75.7207, 0.4354,
0.3036

 6.1265, 0.5865,
0.2566

 99.3020, 0.4248,
0.3063

 2.9222, 0.6505,
0.2317

 127.3320, 0.4159,
0.3085

 1.0912, 0.7672,
0.1956

160.1949, 0.4082,
0.3103

 0.0000, 1.0000,
0.0000

198.2752, 0.4016,

 0.0000, 0.0000,

0.3118

0.0000

241.9572, 0.3959,
0.3131

■ 27.8241, 0.4833,
0.2905

■ 27.8241, 0.4833,
0.2905

■ 24.3282, 0.5230,
0.2913

■ 32.7921, 0.4453,
0.2932

■ 22.1340, 0.5607,
0.2962

■ 39.3685, 0.4114,
0.2981


■ 21.0241, 0.5921,
0.3049

■ 47.6791, 0.3825,
0.3043

■ 20.8492, 0.5983,
0.3070

■ 57.8360, 0.3585,
0.3111

■ 69.9416, 0.3388,
0.3178

 84.0910, 0.3229,
0.3243

 99.2422, 0.3102,
0.3290

Harmonies

Analogous

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



27.8241, 0.3757, 0.2294



27.8241, 0.4833, 0.2905



27.8241, 0.5304, 0.3607

Triad

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



27.8241, 0.4833, 0.2905



27.8241, 0.3274, 0.5400



27.8241, 0.1427, 0.1842

Complementary

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



27.8241, 0.4833, 0.2905



75.3277, 0.2507, 0.3824

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.



27.8241, 0.1346, 0.2360



27.8241, 0.4833, 0.2905



27.8241, 0.2302, 0.4710

Square

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



27.8241, 0.4833, 0.2905



27.8241, 0.4258, 0.5100



27.8241, 0.1618, 0.3391



27.8241, 0.1841, 0.1710

Rectangle

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



27.8241, 0.4833, 0.2905



27.8241, 0.5190, 0.4109



27.8241, 0.1618, 0.3391



27.8241, 0.1364, 0.1965

Sweetspot

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



27.8257, 0.4833, 0.2905



69.4339, 0.3430, 0.3163



26.3369, 0.2789, 0.1580



14.0901, 0.3484, 0.3144



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.



27.8257, 0.4833, 0.2905



24.3198, 0.5362, 0.2924



35.3962, 0.5049, 0.3692



17.2955, 0.3255, 0.3232



10.9822, 0.5943, 0.3048



1.0332, 0.5613, 0.2866

Inverse Universe

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



27.8257, 0.4833, 0.2905



24.3198, 0.5362, 0.2924



54.0639, 0.2208, 0.2745



17.2955, 0.3255, 0.3232



10.9822, 0.5943, 0.3048



1.0332, 0.5613, 0.2866

Previews

White Background



This preview shows how the Yxy color 27.8241, 0.4833, 0.2905 looks on a white background.

Color Contrast Check

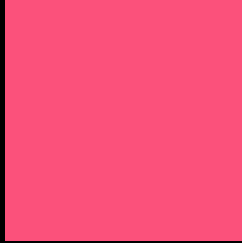
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8241, 0.4833, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

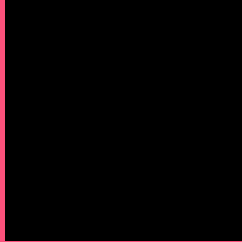
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8241, 0.4833, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 27.8241, 0.4833, 0.2905.



This preview shows how white text looks on a background with the Yxy color 27.8241, 0.4833, 0.2905.

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

27.8241, 0.4833, 0.2905

Protanopia

27.8849, 0.3002, 0.3083

Deuteranopia

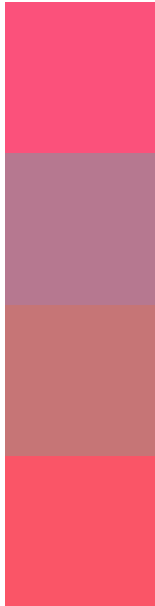
27.7396, 0.3720, 0.3643



Tritanopia

27.7288, 0.5208, 0.3252

Trichromacy



Original Color

27.8241, 0.4833, 0.2905

Protanomaly

25.3916, 0.3606, 0.2950

Deuteranomaly

26.0364, 0.4147, 0.3280

Tritanomaly

27.8003, 0.5085, 0.3133

Monochromacy



Original Color

27.8241, 0.4833, 0.2905

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.8535, 0.3720, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8241, 0.4833, 0.2905 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(251, 81, 123)` looks like.

```
.text, #text, p{  
    color:rgb(251, 81, 123)  
}
```

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(251, 81, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 81, 123) }
```

Border

The CSS property to change the border of an element to Yxy 27.8241, 0.4833, 0.2905 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(251, 81, 123) }
```

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

```
.border{ border-color:rgb(251, 81, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 81, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 81, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 81, 123);  
box-shadow:4px 4px 4px 4px rgb(251, 81,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8241, 0.4833, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 81, 123) }
```

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

```
.background{ background-color: rgb(251, 81,  
123) }
```

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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