

Converting Colors

$Yxy(25.8549, 0.4900, 0.2718)$

Have a look what the booklet for
Yxy(25.8549, 0.4900, 0.2718)
contains.

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Color

Yxy(25.8184, 0.4903, 0.2717)

Conversions

Conversions Part 1

Format	Color
Hex	FF3A7F
RGB	255, 58, 127
RGB Percent	100%, 23%, 50%
CMY	0.0000, 0.7727, 0.5018
CMYK	0.00, 0.77, 0.50, 0.00
HSL	339°, 100%, 61%
HSV	339°, 77%, 100%
XYZ	46.5910, 25.8184, 22.6160
YIQ	124.7690, 95.2630, 63.2230

Conversions

Conversions Part 2

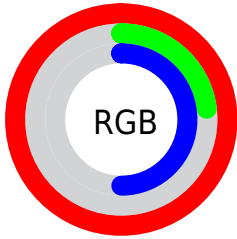
Format	Color
R_{YB}	255, 58, 127
Decimal	16726655
CIE _{Lab}	57.86, 75.86, 8.91
CIE _{LCh}	58, 76.378, 6.697
Yxy	25.8184, 0.4903, 0.2717
Android (android.graphics.Color)	4294916735 (0xFFFF3A7F)
YUV	124.7690, 1.0999, 114.2126
Hunter-Lab	50.8118, 74.7516, 9.1786

Details

The Yxy color **25.8184, 0.4903, 0.2717** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **75.9612, 0.2562, 0.4198**, and the grayscale version is **20.3929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6806, 0.3968, 0.2719**, and **11.7565, 0.5359, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **23.4544, 0.5240, 0.2755**, and if you desaturate by 10%, it is **29.5196, 0.4563, 0.2728**.

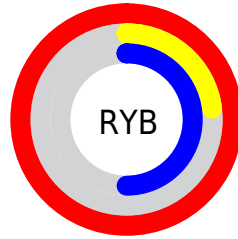
Distribution



Red (100%)

Green (23%)

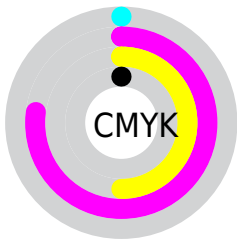
Blue (50%)



Red (100%)

Yellow (23%)

Blue (50%)

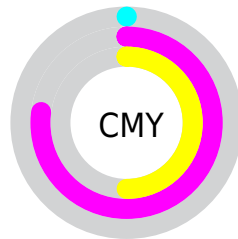


Cyan (0%)

Magenta (77%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (77%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8184, 0.4903, 0.2717 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 25.8184, 0.4903, 0.2717 by changing the saturation by 10% instead.


 25.8184, 0.4903,
0.2717


 25.8184, 0.4903,
0.2717

281.8895, 0.3935,
0.3049


 16.6878, 0.5167,
0.2619


 52.9818, 0.4534,
0.2849


 10.0122, 0.5516,
0.2485


 71.7835, 0.4400,
0.2895


 5.4070, 0.5994,
0.2292

 94.5776, 0.4290,
0.2933

 2.4880, 0.6674,
0.2001

 121.7487, 0.4196,
0.2964

 0.8706, 0.7840,
0.1573

 153.6810, 0.4117,
0.2990

 0.0000, 1.0000,
0.0000

190.7589, 0.4048,

 0.0000, 0.0000,

0.3013

0.0000

233.3670, 0.3988,
0.3032

■ 25.8184, 0.4903,
0.2717

■ 25.8184, 0.4903,
0.2717

■ 23.4544, 0.5240,
0.2755

■ 29.5196, 0.4563,
0.2728

■ 22.2177, 0.5547,
0.2844


■ 34.7340, 0.4244,
0.2778


■ 21.9876, 0.5625,
0.2872

■ 41.6031, 0.3961,
0.2854

■ 50.2534, 0.3718,
0.2944

■ 60.7996, 0.3515,
0.3040

 73.3461, 0.3348,
0.3135

 87.9901, 0.3211,
0.3227

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



25.8184, 0.3606, 0.2088



25.8184, 0.4903, 0.2717



25.8184, 0.5558, 0.3450

Triad

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



25.8184, 0.4903, 0.2717



25.8184, 0.3415, 0.5715



25.8184, 0.1222, 0.1734

Complementary

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



25.8184, 0.4903, 0.2717



75.9612, 0.2562, 0.4198

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.



25.8184, 0.1184, 0.2364



25.8184, 0.4903, 0.2717



25.8184, 0.2330, 0.5172

Square

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



25.8184, 0.4903, 0.2717



25.8184, 0.4488, 0.5142



25.8184, 0.1526, 0.3631



25.8184, 0.1599, 0.1549

Rectangle

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



25.8184, 0.4903, 0.2717



25.8184, 0.5483, 0.3980



25.8184, 0.1526, 0.3631



25.8184, 0.1173, 0.1885

Sweetspot

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



25.8160, 0.4903, 0.2717



65.9028, 0.3440, 0.3081



20.2803, 0.2506, 0.1302



13.1760, 0.3503, 0.3046



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.



25.8160, 0.4903, 0.2717



22.6268, 0.5422, 0.2801



27.9431, 0.5639, 0.3487



18.0922, 0.3239, 0.3207



11.5145, 0.5581, 0.2848



1.1409, 0.5266, 0.2675

Inverse Universe

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



25.8160, 0.4903, 0.2717



22.6268, 0.5422, 0.2801



64.0075, 0.2208, 0.2961



18.0922, 0.3239, 0.3207



11.5145, 0.5581, 0.2848



1.1409, 0.5266, 0.2675

Previews

White Background



This preview shows how the Yxy color 25.8184, 0.4903, 0.2717 looks on a white background.

Color Contrast Check

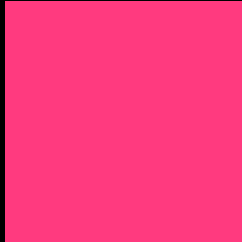
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8184, 0.4903, 0.2717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

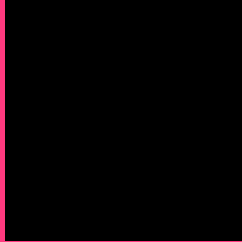
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8184, 0.4903, 0.2717

Background



This preview shows how black text looks on a background with the Yxy color 25.8184, 0.4903, 0.2717.



This preview shows how white text looks on a background with the Yxy color 25.8184, 0.4903, 0.2717.

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

25.8184, 0.4903, 0.2717

Protanopia

26.0228, 0.2756, 0.2764

Deuteranopia

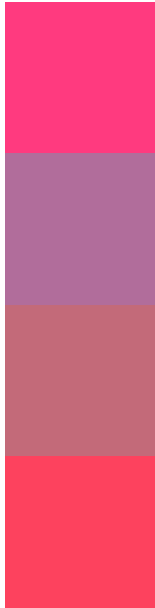
25.8318, 0.3608, 0.3545



Tritanopia

25.7099, 0.5549, 0.3267

Trichromacy



Original Color

25.8184, 0.4903, 0.2717

Protanomaly

22.6509, 0.3432, 0.2634

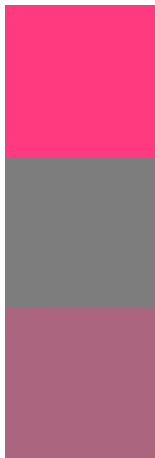
Deuteranomaly

23.2906, 0.4129, 0.3091

Tritanomaly

25.5872, 0.5343, 0.3074

Monochromacy



Original Color

25.8184, 0.4903, 0.2717

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.5844, 0.3785, 0.2915

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8184, 0.4903, 0.2717 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, 58, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 58, 127)  
}
```

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, 58, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 58, 127) }
```

Border

The CSS property to change the border of an element to Yxy 25.8184, 0.4903, 0.2717 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, 58, 127) }
```

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

```
.border{ border-color:rgb(255, 58, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 58, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 58, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 58, 127); box-shadow:4px 4px 4px 4px rgb(255, 58, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8184, 0.4903, 0.2717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 58, 127) }
```

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

```
.background{ background-color: rgb(255, 58,  
127) }
```

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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