

Converting Colors

$Y_{xy}(25.8975, 0.5102, 0.2876)$

Have a look what the booklet for
Yxy(25.8975, 0.5102, 0.2876)
contains.

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Color

Yxy(25.8975, 0.5102, 0.2876)

Conversions

Conversions Part 1

Format	Color
Hex	FF3E71
RGB	255, 62, 113
RGB Percent	100%, 24%, 44%
CMY	0.0000, 0.7568, 0.5568
CMYK	0.00, 0.76, 0.56, 0.00
HSL	344°, 100%, 62%
HSV	344°, 76%, 100%
XYZ	45.9419, 25.8975, 18.2075
YIQ	125.5210, 98.6570, 56.7770

Conversions

Conversions Part 2

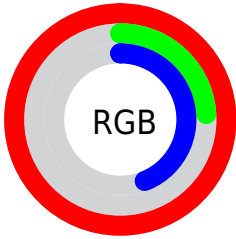
Format	Color
R_{YB}	255, 62, 113
Decimal	16727665
CIE _{Lab}	57.94, 73.69, 17.30
CIE _{LCh}	58, 75.695, 13.209
Yxy	25.8975, 0.5102, 0.2876
Android (android.graphics.Color)	4294917745 (0xFFFF3E71)
YUV	125.5210, -6.1729, 113.5531
Hunter-Lab	50.8896, 72.0889, 14.4097

Details

The Yxy color **25.8975, 0.5102, 0.2876** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **76.8981, 0.2495, 0.3945**, and the grayscale version is **20.6941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6076, 0.4139, 0.2891**, and **11.4697, 0.5600, 0.2859** is the 20% darker color. If you saturate the color by 10%, you get **23.3650, 0.5481, 0.2916**, and if you desaturate by 10%, it is **29.8198, 0.4714, 0.2879**.

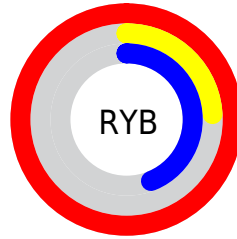
Distribution



Red (100%)

Green (24%)

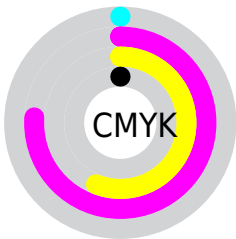
Blue (44%)



Red (100%)

Yellow (24%)

Blue (44%)

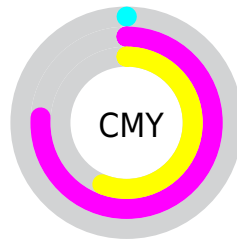


Cyan (0%)

Magenta (76%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (76%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8975, 0.5102, 0.2876 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 25.8975, 0.5102, 0.2876 by changing the saturation by 10% instead.


 25.8975, 0.5102,
0.2876


 25.8975, 0.5102,
0.2876


282.2786, 0.4024,
0.3144


 16.7470, 0.5394,
0.2787


 53.1095, 0.4692,
0.2989


 10.0543, 0.5777,
0.2661


 71.9398, 0.4543,
0.3027

 5.4349, 0.6294,
0.2470

 94.7655, 0.4419,
0.3057

 2.5047, 0.7007,
0.2168

 121.9710, 0.4315,
0.3081

 0.8790, 0.8272,
0.1728

 153.9406, 0.4226,
0.3101

 0.0000, 1.0000,
0.0000

191.0589, 0.4149,

 0.0000, 0.0000,

0.3118

0.0000

233.7100, 0.4083,
0.3132

■ 25.8975, 0.5102,
0.2876

■ 25.8975, 0.5102,
0.2876

■ 23.3650, 0.5481,
0.2916

■ 29.8198, 0.4714,
0.2879

■ 22.0131, 0.5809,
0.2999


■ 35.2932, 0.4351,
0.2914


■ 21.6682, 0.5931,
0.3041

■ 42.4614, 0.4030,
0.2971

■ 51.4503, 0.3758,
0.3040

■ 62.3740, 0.3532,
0.3113

 75.3371, 0.3348,
0.3185

 90.4366, 0.3199,
0.3253

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



25.8975, 0.3898, 0.2218



25.8975, 0.5102, 0.2876



25.8975, 0.5556, 0.3620

Triad

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



25.8975, 0.5102, 0.2876



25.8975, 0.3177, 0.5692



25.8975, 0.1287, 0.1675

Complementary

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



25.8975, 0.5102, 0.2876



76.8981, 0.2495, 0.3945

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.



25.8975, 0.1177, 0.2190



25.8975, 0.5102, 0.2876



25.8975, 0.2131, 0.4860

Square

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



25.8975, 0.5102, 0.2876



25.8975, 0.4263, 0.5303



25.8975, 0.1427, 0.3304



25.8975, 0.1742, 0.1564

Rectangle

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



25.8975, 0.5102, 0.2876



25.8975, 0.5367, 0.4162



25.8975, 0.1427, 0.3304



25.8975, 0.1213, 0.1793

Sweetspot

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



25.8990, 0.5102, 0.2876



65.6439, 0.3479, 0.3132



23.4389, 0.2704, 0.1423



13.1144, 0.3552, 0.3106



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.



25.8990, 0.5102, 0.2876



22.5153, 0.5664, 0.2955



32.1322, 0.5397, 0.3661



18.0659, 0.3253, 0.3227



11.3438, 0.5890, 0.3018



1.1216, 0.5573, 0.2843

Inverse Universe

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



25.8990, 0.5102, 0.2876



22.5153, 0.5664, 0.2955



54.3204, 0.2151, 0.2713



18.0659, 0.3253, 0.3227



11.3438, 0.5890, 0.3018



1.1216, 0.5573, 0.2843

Previews

White Background



This preview shows how the Yxy color 25.8975, 0.5102, 0.2876 looks on a white background.

Color Contrast Check

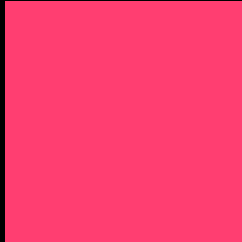
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8975, 0.5102, 0.2876 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 25.8975, 0.5102, 0.2876

Background



This preview shows how black text looks on a background with the Yxy color 25.8975, 0.5102, 0.2876.



This preview shows how white text looks on a background with the Yxy color 25.8975, 0.5102, 0.2876.

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

25.8975, 0.5102, 0.2876

Protanopia

26.1886, 0.3009, 0.3094

Deuteranopia

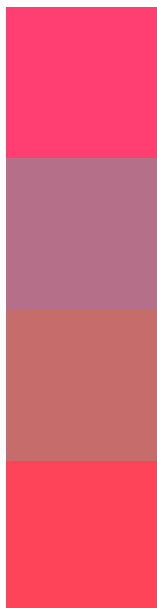
26.0490, 0.3829, 0.3758



Tritanopia

25.8835, 0.5567, 0.3275

Trichromacy



Original Color

25.8975, 0.5102, 0.2876

Protanomaly

22.9988, 0.3712, 0.2918

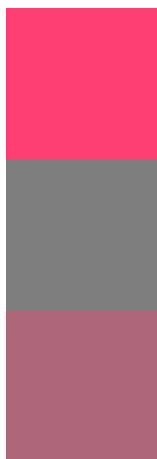
Deuteranomaly

23.7924, 0.4351, 0.3307

Tritanomaly

25.9097, 0.5419, 0.3141

Monochromacy



Original Color

25.8975, 0.5102, 0.2876

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

19.9652, 0.3863, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8975, 0.5102, 0.2876 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, 62, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 62, 113)  
}
```

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, 62, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 113) }
```

Border

The CSS property to change the border of an element to Yxy 25.8975, 0.5102, 0.2876 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, 62, 113) }
```

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

```
.border{ border-color:rgb(255, 62, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 62, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8975, 0.5102, 0.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 62, 113) }
```

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

```
.background{ background-color: rgb(255, 62,  
113) }
```

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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