

Converting Colors

$Yxy(24.9805, 0.5070, 0.2913)$

Have a look what the booklet for
Yxy(24.9805, 0.5070, 0.2913)
contains.

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Color

Yxy(24.9787, 0.5071, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	F8426E
RGB	248, 66, 110
RGB Percent	97%, 26%, 43%
CMY	0.0273, 0.7413, 0.5685
CMYK	0.00, 0.73, 0.56, 0.03
HSL	345°, 93%, 62%
HSV	345°, 73%, 97%
XYZ	43.4833, 24.9787, 17.2870
YIQ	125.4340, 94.3480, 52.2680

Conversions

Conversions Part 2

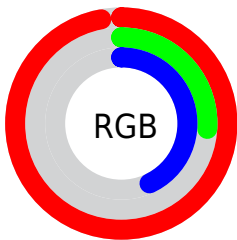
Format	Color
R_{YB}	248, 66, 110
Decimal	16269934
CIE Lab	57.05, 70.38, 17.66
CIE LCh	57, 72.561, 14.086
Yxy	24.9787, 0.5071, 0.2913
Android (android.graphics.Color)	4294460014 (0xFFFF8426E)
YUV	125.4340, -7.6090, 107.4904
Hunter-Lab	49.9787, 67.8390, 14.4774

Details

The Yxy color **24.9787, 0.5071, 0.2913** 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 **72.6692, 0.2484, 0.3864**, and the grayscale version is **20.6597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0120, 0.4167, 0.2942**, and **10.6732, 0.5614, 0.2866** is the 20% darker color. If you saturate the color by 10%, you get **22.3180, 0.5464, 0.2944**, and if you desaturate by 10%, it is **28.9841, 0.4675, 0.2921**.

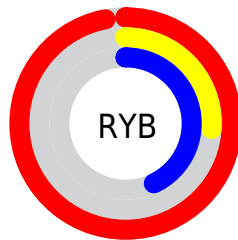
Distribution



Red (97%)

Green (26%)

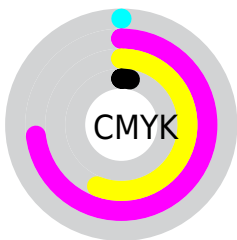
Blue (43%)



Red (97%)

Yellow (26%)

Blue (43%)

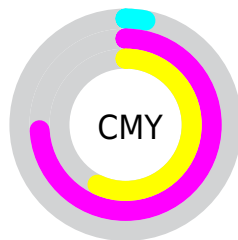


Cyan (0%)

Magenta (73%)

Yellow (56%)

Black (3%)



Cyan (3%)

Magenta (74%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9787, 0.5071, 0.2913 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 24.9787, 0.5071, 0.2913 by changing the saturation by 10% instead.


 24.9787, 0.5071,
0.2913


 24.9787, 0.5071,
0.2913


277.7319, 0.4003,
0.3163

 16.0612, 0.5363,
0.2828


 51.6227, 0.4662,
0.3020


 9.5675, 0.5749,
0.2704


 70.1179, 0.4515,
0.3055

 5.1131, 0.6272,
0.2515


 92.5745, 0.4392,
0.3083

 2.3138, 0.7005,
0.2210

 119.3769, 0.4289,
0.3105

 0.7810, 0.8265,
0.1735

 150.9094, 0.4202,
0.3124

 0.0000, 1.0000,
0.0000

187.5565, 0.4126,

 0.0000, 0.0000,

0.3139

0.0000

229.7025, 0.4060,
0.3152

■ 24.9787, 0.5071,
0.2913

■ 24.9787, 0.5071,
0.2913

■ 22.3180, 0.5464,
0.2944

■ 28.9841, 0.4675,
0.2921

■ 20.8167, 0.5809,
0.3016

■ 34.4793, 0.4309,
0.2958

■ 20.2887, 0.5996,
0.3077


■ 41.5951, 0.3989,
0.3012

■ 50.4469, 0.3719,
0.3076

■ 61.1393, 0.3497,
0.3143

 73.7687, 0.3317,
0.3208

 88.4247, 0.3170,
0.3270

 98.7022, 0.3084,
0.3290

Harmonies

Analogous

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



24.9787, 0.3917, 0.2261



24.9787, 0.5071, 0.2913



24.9787, 0.5494, 0.3651

Triad

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



24.9787, 0.5071, 0.2913



24.9787, 0.3158, 0.5612



24.9787, 0.1332, 0.1704

Complementary

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



24.9787, 0.5071, 0.2913



72.6692, 0.2484, 0.3864

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.



24.9787, 0.1215, 0.2200



24.9787, 0.5071, 0.2913



24.9787, 0.2136, 0.4766

Square

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



24.9787, 0.5071, 0.2913



24.9787, 0.4223, 0.5283



24.9787, 0.1455, 0.3269



24.9787, 0.1793, 0.1602

Rectangle

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



24.9787, 0.5071, 0.2913



24.9787, 0.5305, 0.4185



24.9787, 0.1455, 0.3269



24.9787, 0.1257, 0.1818

Sweetspot

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



24.9801, 0.5071, 0.2913



66.8384, 0.3470, 0.3152



23.2993, 0.2751, 0.1477



13.5850, 0.3525, 0.3134



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.



24.9801, 0.5071, 0.2913



22.8736, 0.5635, 0.2973



31.8285, 0.5274, 0.3694



17.2941, 0.3256, 0.3233



10.9751, 0.5958, 0.3056



1.0324, 0.5629, 0.2874

Inverse Universe

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



24.9801, 0.5071, 0.2913



22.8736, 0.5635, 0.2973



50.4185, 0.2159, 0.2692



17.2941, 0.3256, 0.3233



10.9751, 0.5958, 0.3056



1.0324, 0.5629, 0.2874

Previews

White Background



This preview shows how the Yxy color 24.9787, 0.5071, 0.2913 looks on a white background.

Color Contrast Check

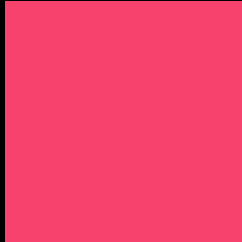
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9787, 0.5071, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

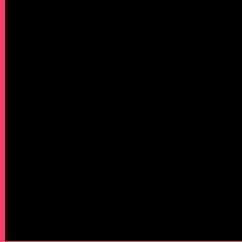
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9787, 0.5071, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 24.9787, 0.5071, 0.2913.



This preview shows how white text looks on a background with the Yxy color 24.9787, 0.5071, 0.2913.

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

24.9787, 0.5071, 0.2913

Protanopia

25.0559, 0.3058, 0.3140

Deuteranopia

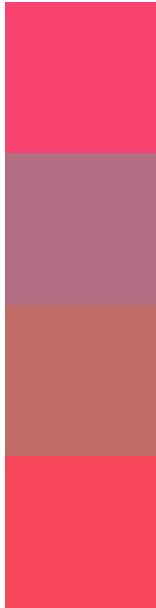
25.1235, 0.3838, 0.3781



Tritanopia

24.8937, 0.5473, 0.3265

Trichromacy



Original Color

24.9787, 0.5071, 0.2913

Protanomaly

22.4998, 0.3742, 0.2984

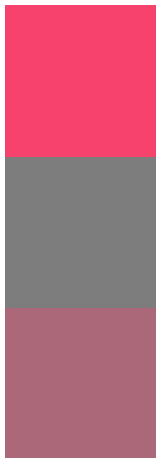
Deuteranomaly

23.0621, 0.4333, 0.3348

Tritanomaly

24.8757, 0.5344, 0.3139

Monochromacy



Original Color

24.9787, 0.5071, 0.2913

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.8027, 0.3834, 0.3047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9787, 0.5071, 0.2913 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(248, 66, 110)` looks like.

```
.text, #text, p{  
  color:rgb(248, 66, 110)  
}
```

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(248, 66, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 66, 110) }
```

Border

The CSS property to change the border of an element to Yxy 24.9787, 0.5071, 0.2913 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(248, 66, 110) }
```

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

```
.border{ border-color:rgb(248, 66, 110) }
```

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

Here you see how a box with a 4 pixel rgb(248, 66, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 66, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 66, 110);  
box-shadow:4px 4px 4px 4px rgb(248, 66,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9787, 0.5071, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 66, 110) }
```

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

```
.background{ background-color: rgb(248, 66,  
110) }
```

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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