

Converting Colors

Yxy(24.9839, 0.5034, 0.2898)

Have a look what the booklet for
Yxy(24.9839, 0.5034, 0.2898)
contains.

Yxy(24.9583, 0.5027, 0.2898)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.9583, 0.5027, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	F74370
RGB	247, 67, 112
RGB Percent	97%, 26%, 44%
CMY	0.0313, 0.7373, 0.5607
CMYK	0.00, 0.73, 0.55, 0.03
HSL	345°, 92%, 62%
HSV	345°, 73%, 97%
XYZ	43.2938, 24.9583, 17.8704
YIQ	125.9500, 92.8350, 52.1550

Conversions

Conversions Part 2

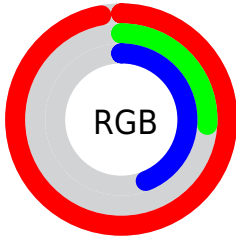
Format	Color
R_{YB}	247, 67, 112
Decimal	16204656
CIE Lab	57.03, 69.90, 16.42
CIE LCh	57, 71.807, 13.219
Yxy	24.9583, 0.5027, 0.2898
Android (android.graphics.Color)	4294394736 (0xFFFF74370)
YUV	125.9500, -6.8773, 106.1609
Hunter-Lab	49.9583, 67.2609, 13.7624

Details

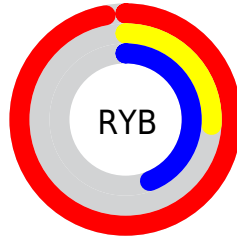
The Yxy color **24.9583, 0.5027, 0.2898** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **71.9855, 0.2492, 0.3880**, and the grayscale version is **20.8456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3427, 0.4140, 0.2931**, and **10.5720, 0.5564, 0.2839** is the 20% darker color. If you saturate the color by 10%, you get **22.2520, 0.5418, 0.2926**, and if you desaturate by 10%, it is **29.0035, 0.4637, 0.2909**.

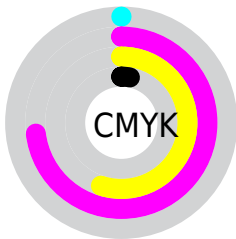
Distribution



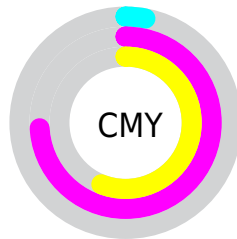
- Red (97%)
- Green (26%)
- Blue (44%)



- Red (97%)
- Yellow (26%)
- Blue (44%)



- Cyan (0%)
- Magenta (73%)
- Yellow (55%)
- Black (3%)




- Cyan (3%)
- Magenta (74%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9583, 0.5027, 0.2898 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 24.9583, 0.5027, 0.2898 by changing the saturation by 10% instead.


 24.9583, 0.5027,
0.2898


 24.9583, 0.5027,
0.2898


277.6302, 0.3982,
0.3152


 16.0460, 0.5313,
0.2813


 51.5896, 0.4627,
0.3006


 9.5567, 0.5693,
0.2690


 70.0773, 0.4482,
0.3042

 5.1060, 0.6210,
0.2503

 92.5257, 0.4363,
0.3070

 2.3096, 0.6935,
0.2202

 119.3190, 0.4262,
0.3093

 0.7788, 0.8254,
0.1746

 150.8417, 0.4177,
0.3112

 0.0000, 1.0000,
0.0000

187.4782, 0.4103,

 0.0000, 0.0000,

0.3128

0.0000

229.6129, 0.4039,
0.3141

■ 24.9583, 0.5027,
0.2898

■ 24.9583, 0.5027,
0.2898

■ 22.2520, 0.5418,
0.2926

■ 29.0035, 0.4637,
0.2909

■ 20.7034, 0.5766,
0.2996


■ 34.5297, 0.4277,
0.2949


■ 20.1219, 0.5971,
0.3063


■ 41.6654, 0.3964,
0.3006

■ 50.5239, 0.3700,
0.3073

■ 61.2084, 0.3483,
0.3142

 73.8136, 0.3306,
0.3209

 88.4280, 0.3163,
0.3273

 98.5164, 0.3078,
0.3290

Harmonies

Analogous

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



24.9583, 0.3873, 0.2253



24.9583, 0.5027, 0.2898



24.9583, 0.5474, 0.3631

Triad

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



24.9583, 0.5027, 0.2898



24.9583, 0.3193, 0.5592



24.9583, 0.1336, 0.1725

Complementary

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



24.9583, 0.5027, 0.2898



71.9855, 0.2492, 0.3880

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.



24.9583, 0.1230, 0.2233



24.9583, 0.5027, 0.2898



24.9583, 0.2173, 0.4788

Square

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



24.9583, 0.5027, 0.2898



24.9583, 0.4248, 0.5249



24.9583, 0.1482, 0.3311



24.9583, 0.1785, 0.1612

Rectangle

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



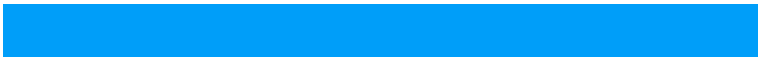
24.9583, 0.5027, 0.2898



24.9583, 0.5303, 0.4161



24.9583, 0.1482, 0.3311



24.9583, 0.1265, 0.1842

Sweetspot

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



24.9597, 0.5027, 0.2898



66.8615, 0.3467, 0.3147



22.8722, 0.2725, 0.1472



13.5904, 0.3520, 0.3129



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.



24.9597, 0.5027, 0.2898



23.0713, 0.5574, 0.2951



31.1177, 0.5281, 0.3665



16.5505, 0.3254, 0.3231



10.6596, 0.5931, 0.3041



0.9527, 0.5581, 0.2848

Inverse Universe

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



24.9597, 0.5027, 0.2898



23.0713, 0.5574, 0.2951



51.5751, 0.2174, 0.2739



16.5505, 0.3254, 0.3231



10.6596, 0.5931, 0.3041



0.9527, 0.5581, 0.2848

Previews

White Background



This preview shows how the Yxy color 24.9583, 0.5027, 0.2898 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 24.9583, 0.5027, 0.2898 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 24.9583, 0.5027, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 24.9583, 0.5027, 0.2898.



This preview shows how white text looks on a background with the Yxy color 24.9583, 0.5027, 0.2898.

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

24.9583, 0.5027, 0.2898

Protanopia

25.0333, 0.3027, 0.3107

Deuteranopia

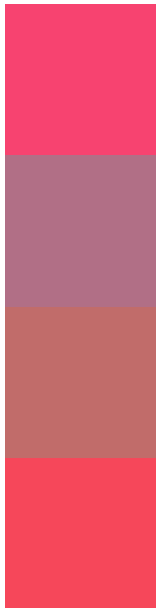
25.1632, 0.3815, 0.3750



Tritanopia

24.8601, 0.5446, 0.3264

Trichromacy



Original Color

24.9583, 0.5027, 0.2898

Protanomaly

22.4372, 0.3702, 0.2954

Deuteranomaly

23.1032, 0.4306, 0.3321

Tritanomaly

24.8375, 0.5317, 0.3136

Monochromacy



Original Color

24.9583, 0.5027, 0.2898

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.0297, 0.3815, 0.3047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9583, 0.5027, 0.2898 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(247, 67, 112)` looks like.

```
.text, #text, p{  
    color:rgb(247, 67, 112)  
}
```

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(247, 67, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 67, 112) }
```

Border

The CSS property to change the border of an element to Yxy 24.9583, 0.5027, 0.2898 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(247, 67, 112) }
```

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

```
.border{ border-color:rgb(247, 67, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 67, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 67, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 67, 112);  
box-shadow:4px 4px 4px 4px rgb(247, 67,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9583, 0.5027, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 67, 112) }
```

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

```
.background{ background-color: rgb(247, 67,  
112) }
```

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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