

Converting Colors

$Y_{xy}(24.4936, 0.5070, 0.2989)$

Have a look what the booklet for
Yxy(24.4936, 0.5070, 0.2989)
contains.

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Color

Yxy(24.4036, 0.5069, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	F24769
RGB	242, 71, 105
RGB Percent	95%, 28%, 41%
CMY	0.0509, 0.7217, 0.5882
CMYK	0.00, 0.71, 0.57, 0.05
HSL	348°, 87%, 61%
HSV	348°, 71%, 95%
XYZ	41.4273, 24.4036, 15.8958
YIQ	126.0050, 91.0020, 46.8260

Conversions

Conversions Part 2

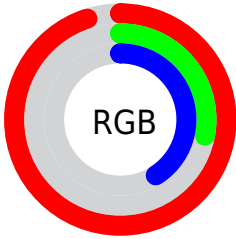
Format	Color
R_{YB}	242, 71, 105
Decimal	15877993
CIE _{Lab}	56.49, 66.64, 19.67
CIE _{LCh}	56, 69.486, 16.445
Yxy	24.4036, 0.5069, 0.2986
Android (android.graphics.Color)	4294068073 (0xFFFF24769)
YUV	126.0050, -10.3555, 101.7276
Hunter-Lab	49.4000, 63.2417, 15.5018

Details

The Yxy color **24.4036, 0.5069, 0.2986** 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 **69.4091, 0.2462, 0.3736**, and the grayscale version is **20.8763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6256, 0.4214, 0.3024**, and **9.8892, 0.5670, 0.2897** is the 20% darker color. If you saturate the color by 10%, you get **21.5622, 0.5483, 0.3008**, and if you desaturate by 10%, it is **28.5634, 0.4657, 0.2996**.

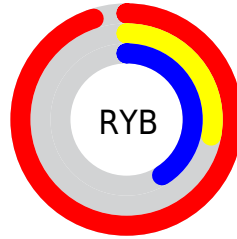
Distribution



Red (95%)

Green (28%)

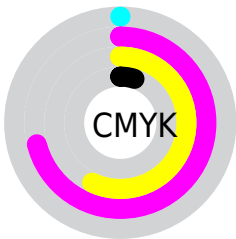
Blue (41%)



Red (95%)

Yellow (28%)

Blue (41%)

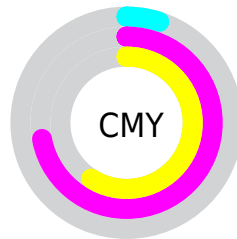


Cyan (0%)

Magenta (71%)

Yellow (57%)

Black (5%)



Cyan (5%)


Magenta (72%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4036, 0.5069, 0.2986 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 24.4036, 0.5069, 0.2986 by changing the saturation by 10% instead.


 24.4036, 0.5069,
0.2986


 24.4036, 0.5069,
0.2986


274.8546, 0.3997,
0.3201


 15.6333, 0.5364,
0.2907


 50.6880, 0.4657,
0.3082

 9.2650, 0.5754,
0.2790


 68.9709, 0.4509,
0.3112


 4.9145, 0.6284,
0.2606

 91.1934, 0.4386,
0.3136

 2.1972, 0.7050,
0.2307

 117.7400, 0.4283,
0.3155

 0.7184, 0.8225,
0.1775

 148.9950, 0.4196,
0.3170

 0.0000, 1.0000,
0.0000

185.3429, 0.4120,

 0.0000, 0.0000,

0.3182

0.0000

227.1680, 0.4054,
0.3193

■ 24.4036, 0.5069,
0.2986

■ 24.4036, 0.5069,
0.2986

■ 21.5622, 0.5483,
0.3008

■ 28.5634, 0.4657,
0.2996

■ 19.8733, 0.5849,
0.3066


■ 34.1730, 0.4280,
0.3029


■ 19.0958, 0.6112,
0.3141


■ 41.3525, 0.3955,
0.3076

■ 50.2082, 0.3683,
0.3130

■ 60.8371, 0.3461,
0.3184

 73.3288, 0.3281,
0.3237

 87.7669, 0.3136,
0.3287

 97.6211, 0.3048,
0.3290

Harmonies

Analogous

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



24.4036, 0.3993, 0.2335



24.4036, 0.5069, 0.2986



24.4036, 0.5420, 0.3718

Triad

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



24.4036, 0.5069, 0.2986



24.4036, 0.3088, 0.5505



24.4036, 0.1398, 0.1727

Complementary

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



24.4036, 0.5069, 0.2986



69.4091, 0.2462, 0.3736

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.



24.4036, 0.1259, 0.2182



24.4036, 0.5069, 0.2986



24.4036, 0.2105, 0.4600

Square

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



24.4036, 0.5069, 0.2986



24.4036, 0.4132, 0.5283



24.4036, 0.1469, 0.3174



24.4036, 0.1882, 0.1649

Rectangle

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



24.4036, 0.5069, 0.2986



24.4036, 0.5209, 0.4245



24.4036, 0.1469, 0.3174



24.4036, 0.1315, 0.1830

Sweetspot

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



24.4050, 0.5069, 0.2986



68.0023, 0.3469, 0.3182



24.2986, 0.2856, 0.1568



13.8067, 0.3526, 0.3167



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.



24.4050, 0.5069, 0.2986



23.2621, 0.5659, 0.3030



33.3264, 0.5079, 0.3782



15.8103, 0.3262, 0.3243



10.2717, 0.6076, 0.3121



0.8682, 0.5725, 0.2927

Inverse Universe

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



24.4050, 0.5069, 0.2986



23.2621, 0.5659, 0.3030



44.8855, 0.2152, 0.2597



15.8103, 0.3262, 0.3243



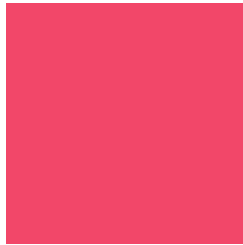
10.2717, 0.6076, 0.3121



0.8682, 0.5725, 0.2927

Previews

White Background



This preview shows how the Yxy color 24.4036, 0.5069, 0.2986 looks on a white background.

Color Contrast Check

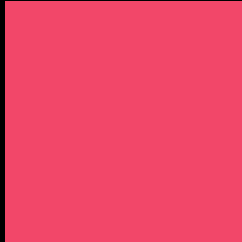
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4036, 0.5069, 0.2986 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 24.4036, 0.5069, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 24.4036, 0.5069, 0.2986.



This preview shows how white text looks on a background with the Yxy color 24.4036, 0.5069, 0.2986.

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

24.4036, 0.5069, 0.2986

Protanopia

24.5088, 0.3150, 0.3273

Deuteranopia

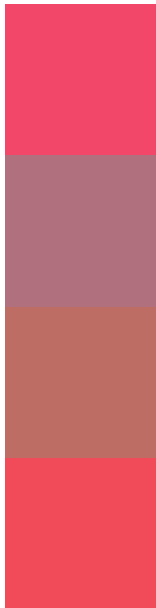
24.4054, 0.3884, 0.3816



Tritanopia

24.4488, 0.5379, 0.3262

Trichromacy



Original Color

24.4036, 0.5069, 0.2986

Protanomaly

22.2991, 0.3808, 0.3099

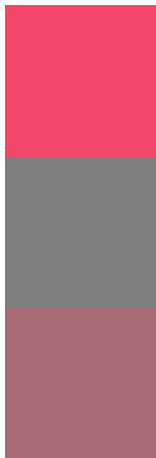
Deuteranomaly

22.8045, 0.4346, 0.3417

Tritanomaly

24.3196, 0.5273, 0.3164

Monochromacy



Original Color

24.4036, 0.5069, 0.2986

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

19.9409, 0.3827, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4036, 0.5069, 0.2986 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(242, 71, 105)` looks like.

```
.text, #text, p{  
    color:rgb(242, 71, 105)  
}
```

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(242, 71, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 71, 105) }
```

Border

The CSS property to change the border of an element to Yxy 24.4036, 0.5069, 0.2986 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(242, 71, 105) }
```

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

```
.border{ border-color:rgb(242, 71, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 71, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 71, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 71, 105);  
box-shadow:4px 4px 4px 4px rgb(242, 71,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4036, 0.5069, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 71, 105) }
```

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

```
.background{ background-color: rgb(242, 71,  
105) }
```

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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