

Converting Colors

$Yxy(26.3890, 0.4931, 0.3091)$

Have a look what the booklet for
Yxy(26.3890, 0.4931, 0.3091)
contains.

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Color

Yxy(26.2424, 0.4936, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	F0566B
RGB	240, 86, 107
RGB Percent	94%, 34%, 42%
CMY	0.0588, 0.6628, 0.5804
CMYK	0.00, 0.64, 0.55, 0.06
HSL	352°, 84%, 64%
HSV	352°, 64%, 94%
XYZ	41.9199, 26.2424, 16.7646
YIQ	134.4400, 85.0430, 39.1790

Conversions

Conversions Part 2

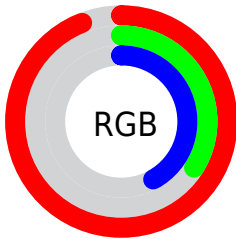
Format	Color
R_{YB}	240, 86, 107
Decimal	15750763
CIE _{Lab}	58.27, 60.48, 20.85
CIE _{LCh}	58, 63.975, 19.021
Yxy	26.2424, 0.4936, 0.3090
Android (android.graphics.Color)	4293940843 (0xFFFF0566B)
YUV	134.4400, -13.5279, 92.5761
Hunter-Lab	51.2273, 56.4207, 16.4560

Details

The Yxy color **26.2424, 0.4936, 0.3090** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **69.4209, 0.2449, 0.3558**, and the grayscale version is **24.0378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.3735, 0.4138, 0.3136**, and **10.2238, 0.5566, 0.2934** is the 20% darker color. If you saturate the color by 10%, you get **22.6484, 0.5379, 0.3096**, and if you desaturate by 10%, it is **31.2300, 0.4513, 0.3105**.

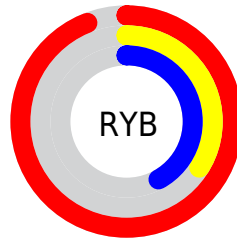
Distribution



Red (94%)

Green (34%)

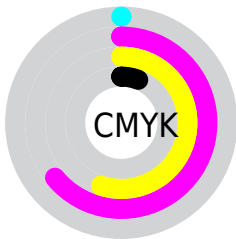
Blue (42%)



Red (94%)

Yellow (34%)

Blue (42%)

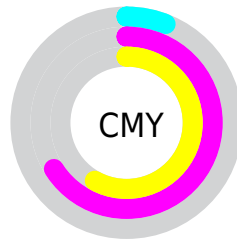


Cyan (0%)

Magenta (64%)

Yellow (55%)

Black (6%)



Cyan (6%)


Magenta (66%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2424, 0.4936, 0.3090 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 26.2424, 0.4936, 0.3090 by changing the saturation by 10% instead.


 26.2424, 0.4936,
0.3090


 26.2424, 0.4936,
0.3090


283.9700, 0.3945,
0.3246


 17.0051, 0.5206,
0.3029

 53.6657, 0.4557,
0.3162

 10.2381, 0.5563,
0.2936


 72.6205, 0.4420,
0.3184

 5.5571, 0.6049,
0.2786

 95.5833, 0.4307,
0.3201

 2.5777, 0.6738,
0.2532

 122.9384, 0.4211,
0.3214

 0.9155, 0.7889,
0.2111

155.0702, 0.4130,
0.3225

 0.0000, 1.0000,
0.0000

192.3631, 0.4060,

 0.0000, 0.0000,

0.3233

0.0000

235.2016, 0.3999,
0.3240

■ 26.2424, 0.4936,
0.3090

■ 26.2424, 0.4936,
0.3090

■ 22.6484, 0.5379,
0.3096

■ 31.2300, 0.4513,
0.3105

■ 20.3012, 0.5792,
0.3127

■ 37.7298, 0.4139,
0.3133


■ 19.0293, 0.6114,
0.3182


■ 45.8526, 0.3823,
0.3168


■ 18.6357, 0.6248,
0.3216

■ 55.6976, 0.3565,
0.3205

■ 67.3563, 0.3355,
0.3241

 80.9135, 0.3187,
0.3276

 96.4486, 0.3052,
0.3308

 97.2675, 0.3035,
0.3290

Harmonies

Analogous

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



26.2424, 0.4010, 0.2465



26.2424, 0.4936, 0.3090



26.2424, 0.5213, 0.3790

Triad

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



26.2424, 0.4936, 0.3090



26.2424, 0.3042, 0.5228



26.2424, 0.1552, 0.1834

Complementary

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



26.2424, 0.4936, 0.3090



69.4209, 0.2449, 0.3558

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.



26.2424, 0.1396, 0.2238



26.2424, 0.4936, 0.3090



26.2424, 0.2146, 0.4347

Square

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



26.2424, 0.4936, 0.3090



26.2424, 0.4010, 0.5164



26.2424, 0.1575, 0.3106



26.2424, 0.2042, 0.1778

Rectangle

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



26.2424, 0.4936, 0.3090



26.2424, 0.5009, 0.4283



26.2424, 0.1575, 0.3106



26.2424, 0.1464, 0.1925

Sweetspot

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



26.2439, 0.4936, 0.3090



70.4799, 0.3452, 0.3224



27.6849, 0.2967, 0.1724



14.2814, 0.3514, 0.3213



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.



26.2439, 0.4936, 0.3090



25.0147, 0.5512, 0.3103



37.9268, 0.4767, 0.3848



15.7939, 0.3272, 0.3258



10.2113, 0.6221, 0.3201



0.8604, 0.5918, 0.3034

Inverse Universe

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



26.2439, 0.4936, 0.3090



25.0147, 0.5512, 0.3103



43.4331, 0.2192, 0.2563



15.7939, 0.3272, 0.3258



10.2113, 0.6221, 0.3201



0.8604, 0.5918, 0.3034

Previews

White Background



This preview shows how the Yxy color 26.2424, 0.4936, 0.3090 looks on a white background.

Color Contrast Check

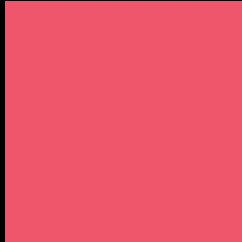
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2424, 0.4936, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

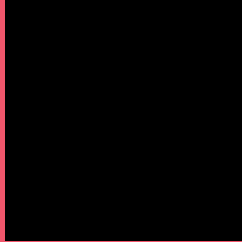
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2424, 0.4936, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 26.2424, 0.4936, 0.3090.



This preview shows how white text looks on a background with the Yxy color 26.2424, 0.4936, 0.3090.

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

26.2424, 0.4936, 0.3090

Protanopia

26.4694, 0.3254, 0.3406

Deuteranopia

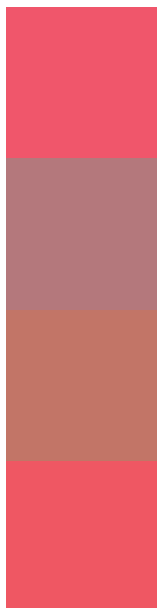
26.4635, 0.3892, 0.3829



Tritanopia

26.1383, 0.5093, 0.3238

Trichromacy



Original Color

26.2424, 0.4936, 0.3090

Protanomaly

24.5915, 0.3837, 0.3234

Deuteranomaly

25.1712, 0.4297, 0.3482

Tritanomaly

26.0680, 0.5032, 0.3180

Monochromacy



Original Color

26.2424, 0.4936, 0.3090

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.0621, 0.3763, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2424, 0.4936, 0.3090 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(240, 86, 107)` looks like.

```
.text, #text, p{  
    color:rgb(240, 86, 107)  
}
```

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(240, 86, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 86, 107) }
```

Border

The CSS property to change the border of an element to Yxy 26.2424, 0.4936, 0.3090 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(240, 86, 107) }
```

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

```
.border{ border-color:rgb(240, 86, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 86, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 86, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 86, 107);  
box-shadow:4px 4px 4px 4px rgb(240, 86,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2424, 0.4936, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 86, 107) }
```

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

```
.background{ background-color: rgb(240, 86,  
107) }
```

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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