

Converting Colors

$Y_{xy}(26.4560, 0.5076, 0.2966)$

Have a look what the booklet for
Yxy(26.4560, 0.5076, 0.2966)
contains.

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Color

Yxy(26.4560, 0.5076, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	FC486E
RGB	252, 72, 110
RGB Percent	99%, 28%, 43%
CMY	0.0118, 0.7176, 0.5687
CMYK	0.00, 0.71, 0.56, 0.01
HSL	347°, 97%, 64%
HSV	347°, 71%, 99%
XYZ	45.2767, 26.4560, 17.4649
YIQ	130.1520, 95.0820, 49.9780

Conversions

Conversions Part 2

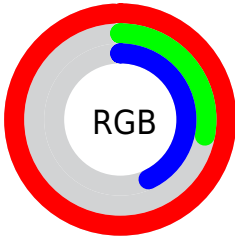
Format	Color
RYB	252, 72, 110
Decimal	16533614
CIELab	58.47, 69.51, 19.72
CIELCh	58, 72.259, 15.841
Yxy	26.4560, 0.5076, 0.2966
Android (android.graphics.Color)	4294723694 (0xFFFC486E)
YUV	130.1520, -9.9349, 106.8607
Hunter-Lab	51.4354, 67.1150, 15.8729

Details

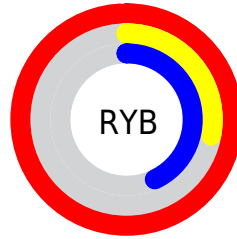
The Yxy color **26.4560, 0.5076, 0.2966** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **75.8581, 0.2467, 0.3771**, and the grayscale version is **22.3917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3357, 0.4148, 0.2992**, and **11.1777, 0.5645, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **23.4538, 0.5484, 0.2991**, and if you desaturate by 10%, it is **30.8926, 0.4667, 0.2975**.

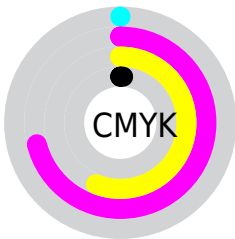
Distribution



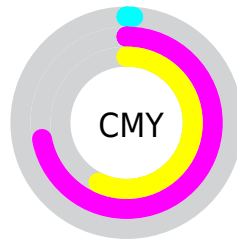
- Red (99%)
- Green (28%)
- Blue (43%)



- Red (99%)
- Yellow (28%)
- Blue (43%)



- Cyan (0%)
- Magenta (71%)
- Yellow (56%)
- Black (1%)




- Cyan (1%)
- Magenta (72%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4560, 0.5076, 0.2966 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 26.4560, 0.5076, 0.2966 by changing the saturation by 10% instead.


 26.4560, 0.5076,
0.2966


 26.4560, 0.5076,
0.2966


285.0134, 0.4013,
0.3189


 17.1651, 0.5363,
0.2888


 54.0097, 0.4672,
0.3063

 10.3523, 0.5739,
0.2773


 73.0412, 0.4525,
0.3095


 5.6331, 0.6245,
0.2597

 96.0885, 0.4403,
0.3120

 2.6233, 0.6944,
0.2310

 123.5357, 0.4301,
0.3140

 0.9384, 0.8128,
0.1872

 155.7675, 0.4213,
0.3156

 0.0000, 1.0000,
0.0000

193.1681, 0.4137,

 0.0000, 0.0000,


0.3169


0.0000


236.1219, 0.4071,
0.3180


 26.4560, 0.5076,
0.2966


 26.4560, 0.5076,
0.2966


 23.4538, 0.5484,
0.2991


 30.8926, 0.4667,
0.2975


 21.6999, 0.5845,
0.3054


 36.9104, 0.4292,
0.3009


 20.9545, 0.6086,
0.3126


 44.6428, 0.3967,
0.3059

 54.2080, 0.3695,
0.3115

 65.7135, 0.3472,
0.3173

 79.2586, 0.3291,
0.3230

 94.9358, 0.3146,
0.3283

 99.4361, 0.3109,
0.3290

Harmonies

Analogous

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



26.4560, 0.3977, 0.2314



26.4560, 0.5076, 0.2966



26.4560, 0.5445, 0.3701

Triad

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



26.4560, 0.5076, 0.2966



26.4560, 0.3104, 0.5540



26.4560, 0.1377, 0.1717

Complementary

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



26.4560, 0.5076, 0.2966



75.8581, 0.2467, 0.3771

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.



26.4560, 0.1244, 0.2183



26.4560, 0.5076, 0.2966



26.4560, 0.2110, 0.4646

Square

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



26.4560, 0.5076, 0.2966



26.4560, 0.4156, 0.5289



26.4560, 0.1461, 0.3196



26.4560, 0.1856, 0.1633

Rectangle

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



26.4560, 0.5076, 0.2966



26.4560, 0.5239, 0.4231



26.4560, 0.1461, 0.3196



26.4560, 0.1296, 0.1823

Sweetspot

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



26.4575, 0.5076, 0.2966



68.0346, 0.3464, 0.3176



25.8116, 0.2822, 0.1539



13.8142, 0.3520, 0.3160



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.



26.4575, 0.5076, 0.2966



23.1122, 0.5660, 0.3016



35.3323, 0.5142, 0.3753



17.2851, 0.3261, 0.3240



10.9323, 0.6048, 0.3106



1.0273, 0.5729, 0.2930

Inverse Universe

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



26.4575, 0.5076, 0.2966



23.1122, 0.5660, 0.3016



50.1825, 0.2154, 0.2628



17.2851, 0.3261, 0.3240



10.9323, 0.6048, 0.3106



1.0273, 0.5729, 0.2930

Previews

White Background



This preview shows how the Yxy color 26.4560, 0.5076, 0.2966 looks on a white background.

Color Contrast Check

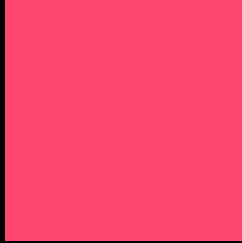
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4560, 0.5076, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

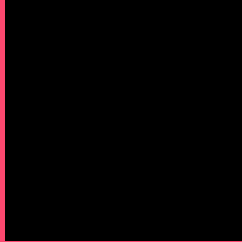
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4560, 0.5076, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 26.4560, 0.5076, 0.2966.



This preview shows how white text looks on a background with the Yxy color 26.4560, 0.5076, 0.2966.

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

26.4560, 0.5076, 0.2966

Protanopia

26.5790, 0.3129, 0.3241

Deuteranopia

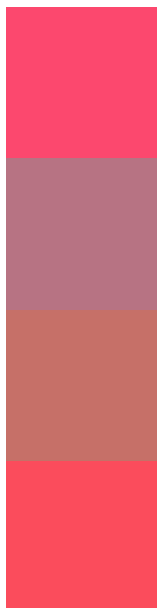
26.4830, 0.3881, 0.3814



Tritanopia

26.5672, 0.5410, 0.3264

Trichromacy



Original Color

26.4560, 0.5076, 0.2966

Protanomaly

23.9674, 0.3802, 0.3063

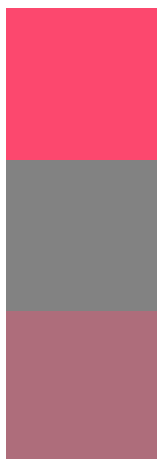
Deuteranomaly

24.5936, 0.4365, 0.3399

Tritanomaly

26.4508, 0.5296, 0.3162

Monochromacy



Original Color

26.4560, 0.5076, 0.2966

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.3660, 0.3822, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4560, 0.5076, 0.2966 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(252, 72, 110)` looks like.

```
.text, #text, p{  
    color:rgb(252, 72, 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(252, 72, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 72, 110) }
```

Border

The CSS property to change the border of an element to Yxy 26.4560, 0.5076, 0.2966 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(252, 72, 110) }
```

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

```
.border{ border-color:rgb(252, 72, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 72, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 72, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 72, 110);  
box-shadow:4px 4px 4px 4px rgb(252, 72,  
110) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.4560, 0.5076, 0.2966$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 72, 110) }
```

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

```
.background{ background-color: rgb(252, 72,  
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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