

Converting Colors

Yxy(26.4684, 0.5029, 0.2869)

Have a look what the booklet for
Yxy(26.4684, 0.5029, 0.2869)
contains.

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Color

Yxy(26.4408, 0.5025, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	FF4275
RGB	255, 66, 117
RGB Percent	100%, 26%, 46%
CMY	0.0001, 0.7409, 0.5412
CMYK	0.00, 0.74, 0.54, 0.00
HSL	344°, 100%, 63%
HSV	344°, 74%, 100%
XYZ	46.3914, 26.4408, 19.4890
YIQ	128.3250, 96.2730, 55.9290

Conversions

Conversions Part 2

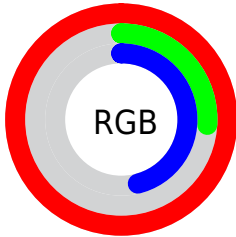
Format	Color
R_{YB}	255, 66, 117
Decimal	16728693
CIE _{Lab}	58.45, 72.76, 15.65
CIE _{LCh}	58, 74.420, 12.143
Yxy	26.4408, 0.5025, 0.2864
Android (android.graphics.Color)	4294918773 (0xFFFF4275)
YUV	128.3250, -5.5832, 111.0940
Hunter-Lab	51.4206, 71.0557, 13.5228

Details

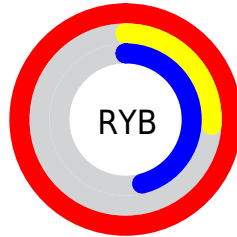
The Yxy color **26.4408, 0.5025, 0.2864** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **77.0227, 0.2503, 0.3943**, and the grayscale version is **21.7092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5629, 0.4070, 0.2869**, and **11.6361, 0.5547, 0.2830** is the 20% darker color. If you saturate the color by 10%, you get **23.6993, 0.5406, 0.2896**, and if you desaturate by 10%, it is **30.5991, 0.4642, 0.2873**.

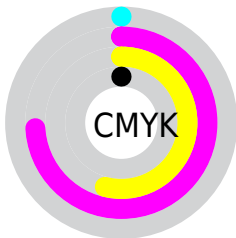
Distribution



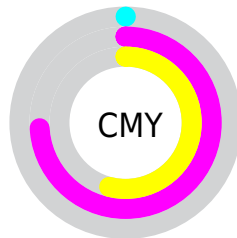
- Red (100%)
- Green (26%)
- Blue (46%)



- Red (100%)
- Yellow (26%)
- Blue (46%)



- Cyan (0%)
- Magenta (74%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (74%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4408, 0.5025, 0.2864 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 26.4408, 0.5025, 0.2864 by changing the saturation by 10% instead.


 26.4408, 0.5025,
0.2864


 26.4408, 0.5025,
0.2864

284.9393, 0.3991,
0.3132


 17.1537, 0.5305,
0.2778


 53.9852, 0.4632,
0.2976

 10.3441, 0.5673,
0.2655


 73.0113, 0.4489,
0.3013

 5.6277, 0.6171,
0.2472

 96.0525, 0.4371,
0.3043

 2.6201, 0.6866,
0.2184

 123.4933, 0.4271,
0.3068

 0.9368, 0.8211,
0.1789

 155.7179, 0.4185,
0.3088

 0.0000, 1.0000,
0.0000

193.1109, 0.4112,

 0.0000, 0.0000,

0.3105

0.0000

236.0565, 0.4048,
0.3120

■ 26.4408, 0.5025,
0.2864

■ 26.4408, 0.5025,
0.2864

■ 23.6993, 0.5406,
0.2896

■ 30.5991, 0.4642,
0.2873

■ 22.1736, 0.5744,
0.2973

■ 36.3309, 0.4288,
0.2914


■ 21.6811, 0.5914,
0.3031

■ 43.7769, 0.3977,
0.2975

■ 53.0607, 0.3715,
0.3047

■ 64.2945, 0.3498,
0.3121

 77.5817, 0.3321,
0.3194

 93.0181, 0.3178,
0.3263

99.9945, 0.3127,
0.3290

Harmonies

Analogous

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



26.4408, 0.3836, 0.2218



26.4408, 0.5025, 0.2864



26.4408, 0.5507, 0.3599

Triad

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



26.4408, 0.5025, 0.2864



26.4408, 0.3226, 0.5637



26.4408, 0.1307, 0.1715

Complementary

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



26.4408, 0.5025, 0.2864



77.0227, 0.2503, 0.3943

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.



26.4408, 0.1211, 0.2243



26.4408, 0.5025, 0.2864



26.4408, 0.2189, 0.4866

Square

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



26.4408, 0.5025, 0.2864



26.4408, 0.4291, 0.5245



26.4408, 0.1476, 0.3359



26.4408, 0.1745, 0.1591

Rectangle

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



26.4408, 0.5025, 0.2864



26.4408, 0.5347, 0.4132



26.4408, 0.1476, 0.3359



26.4408, 0.1238, 0.1838

Sweetspot

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



26.4423, 0.5025, 0.2864



66.9173, 0.3458, 0.3136



23.6010, 0.2685, 0.1434



13.6034, 0.3510, 0.3116



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.



26.4423, 0.5025, 0.2864



22.8184, 0.5580, 0.2929



32.1619, 0.5364, 0.3634



18.0675, 0.3252, 0.3226



11.3529, 0.5872, 0.3009



1.1227, 0.5554, 0.2833

Inverse Universe

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



26.4423, 0.5025, 0.2864



22.8184, 0.5580, 0.2929



56.4919, 0.2174, 0.2769



18.0675, 0.3252, 0.3226



11.3529, 0.5872, 0.3009



1.1227, 0.5554, 0.2833

Previews

White Background



This preview shows how the Yxy color 26.4408, 0.5025, 0.2864 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 26.4408, 0.5025, 0.2864 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 26.4408, 0.5025, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 26.4408, 0.5025, 0.2864.



This preview shows how white text looks on a background with the Yxy color 26.4408, 0.5025, 0.2864.

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

26.4408, 0.5025, 0.2864

Protanopia

26.5782, 0.2980, 0.3063

Deuteranopia

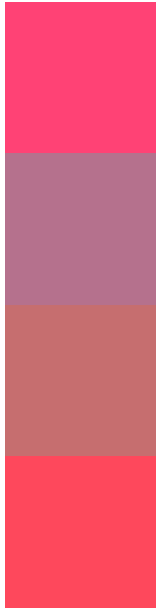
26.4100, 0.3778, 0.3711



Tritanopia

26.4649, 0.5492, 0.3274

Trichromacy



Original Color

26.4408, 0.5025, 0.2864

Protanomaly

23.5571, 0.3652, 0.2890

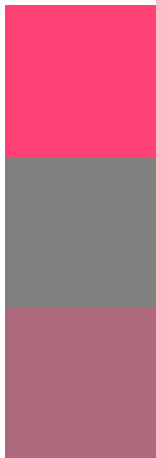
Deuteranomaly

24.3053, 0.4283, 0.3280

Tritanomaly

26.4783, 0.5343, 0.3135

Monochromacy



Original Color

26.4408, 0.5025, 0.2864

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.5571, 0.3825, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4408, 0.5025, 0.2864 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(255, 66, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 117)  
}
```

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(255, 66, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 117) }
```

Border

The CSS property to change the border of an element to Yxy 26.4408, 0.5025, 0.2864 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(255, 66, 117) }
```

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

```
.border{ border-color:rgb(255, 66, 117) }
```

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

Here you see how a box with a 4 pixel rgb(255, 66, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4408, 0.5025, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 117) }
```

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

```
.background{ background-color: rgb(255, 66,  
117) }
```

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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