

Converting Colors

$Y_{xy}(26.6185, 0.4920, 0.2989)$

Have a look what the booklet for
Yxy(26.6185, 0.4920, 0.2989)
contains.

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Color

Yxy(26.6926, 0.4918, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	F65172
RGB	246, 81, 114
RGB Percent	96%, 32%, 45%
CMY	0.0354, 0.6822, 0.5530
CMYK	0.00, 0.67, 0.54, 0.04
HSL	348°, 90%, 64%
HSV	348°, 67%, 96%
XYZ	43.9780, 26.6926, 18.7519
YIQ	134.0970, 87.7470, 45.2430

Conversions

Conversions Part 2

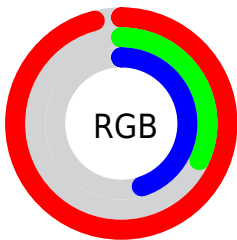
Format	Color
R_{YB}	246, 81, 114
Decimal	16142706
CIE _{Lab}	58.69, 64.79, 17.50
CIE _{LCh}	59, 67.113, 15.115
Yxy	26.6926, 0.4918, 0.2985
Android (android.graphics.Color)	4294332786 (0xFFFF65172)
YUV	134.0970, -9.9078, 98.1389
Hunter-Lab	51.6649, 61.5285, 14.6460

Details

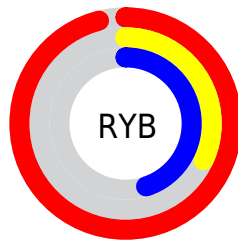
The Yxy color **26.6926, 0.4918, 0.2985** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **72.4505, 0.2477, 0.3711**, and the grayscale version is **23.8970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4784, 0.4065, 0.3011**, and **10.5837, 0.5543, 0.2827** is the 20% darker color. If you saturate the color by 10%, you get **23.2734, 0.5336, 0.2995**, and if you desaturate by 10%, it is **31.5346, 0.4516, 0.3005**.

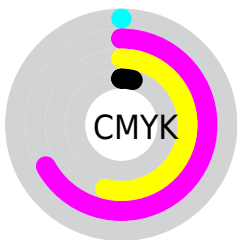
Distribution



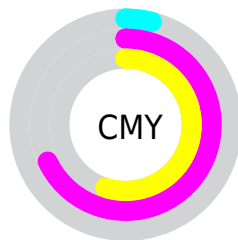
- Red (96%)
- Green (32%)
- Blue (45%)



- Red (96%)
- Yellow (32%)
- Blue (45%)



- Cyan (0%)
- Magenta (67%)
- Yellow (54%)
- Black (4%)




- Cyan (4%)
- Magenta (68%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6926, 0.4918, 0.2985 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 26.6926, 0.4918, 0.2985 by changing the saturation by 10% instead.


 26.6926, 0.4918,
0.2985


 26.6926, 0.4918,
0.2985


286.1657, 0.3940,
0.3190


 17.3425, 0.5184,
0.2914


 54.3902, 0.4545,
0.3073


 10.4790, 0.5536,
0.2811


 73.5065, 0.4410,
0.3102

 5.7177, 0.6015,
0.2652

 96.6469, 0.4298,
0.3125

 2.6742, 0.6689,
0.2390

 124.1959, 0.4204,
0.3143

 0.9641, 0.7983,
0.2017

156.5379, 0.4123,
0.3158

 0.0000, 1.0000,
0.0000

194.0573, 0.4054,

 0.0000, 0.0000,

0.3171

0.0000

237.1384, 0.3993,
0.3181

■ 26.6926, 0.4918,
0.2985

■ 26.6926, 0.4918,
0.2985

■ 23.2734, 0.5336,
0.2995

■ 31.5346, 0.4516,
0.3005

■ 21.1156, 0.5726,
0.3040

■ 37.9288, 0.4156,
0.3044

■ 20.0204, 0.6037,
0.3118


■ 45.9951, 0.3850,
0.3094


■ 19.8105, 0.6112,
0.3141

■ 55.8404, 0.3597,
0.3149

■ 67.5627, 0.3391,
0.3203

 81.2526, 0.3225,
0.3255

 96.9951, 0.3090,
0.3304

 98.3276, 0.3072,
0.3290

Harmonies

Analogous

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



26.6926, 0.3892, 0.2361



26.6926, 0.4918, 0.2985



26.6926, 0.5298, 0.3693

Triad

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



26.6926, 0.4918, 0.2985



26.6926, 0.3158, 0.5366



26.6926, 0.1463, 0.1816

Complementary

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



26.6926, 0.4918, 0.2985



72.4505, 0.2477, 0.3711

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.



26.6926, 0.1345, 0.2281



26.6926, 0.4918, 0.2985



26.6926, 0.2208, 0.4563

Square

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



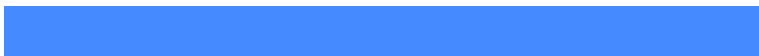
26.6926, 0.4918, 0.2985



26.6926, 0.4149, 0.5162



26.6926, 0.1572, 0.3247



26.6926, 0.1917, 0.1721

Rectangle

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



26.6926, 0.4918, 0.2985



26.6926, 0.5134, 0.4197



26.6926, 0.1572, 0.3247



26.6926, 0.1388, 0.1923

Sweetspot

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



26.6941, 0.4918, 0.2985



69.3104, 0.3448, 0.3187



26.6878, 0.2875, 0.1632



14.0610, 0.3506, 0.3172



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.



26.6941, 0.4918, 0.2985



24.3961, 0.5462, 0.3005



36.2873, 0.4946, 0.3775



16.5366, 0.3262, 0.3243



10.5927, 0.6076, 0.3121



0.9450, 0.5744, 0.2938

Inverse Universe

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



26.6941, 0.4918, 0.2985



24.3961, 0.5462, 0.3005



48.1063, 0.2187, 0.2638



16.5366, 0.3262, 0.3243



10.5927, 0.6076, 0.3121



0.9450, 0.5744, 0.2938

Previews

White Background



This preview shows how the Yxy color 26.6926, 0.4918, 0.2985 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 26.6926, 0.4918, 0.2985 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 26.6926, 0.4918, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 26.6926, 0.4918, 0.2985.



This preview shows how white text looks on a background with the Yxy color 26.6926, 0.4918, 0.2985.

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

26.6926, 0.4918, 0.2985

Protanopia

26.9030, 0.3119, 0.3241

Deuteranopia

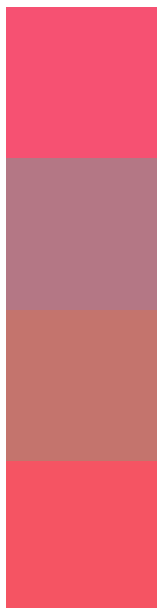
26.8644, 0.3819, 0.3753



Tritanopia

26.8234, 0.5196, 0.3251

Trichromacy



Original Color

26.6926, 0.4918, 0.2985

Protanomaly

24.5904, 0.3724, 0.3089

Deuteranomaly

25.3307, 0.4248, 0.3387

Tritanomaly

26.6540, 0.5103, 0.3158

Monochromacy



Original Color

26.6926, 0.4918, 0.2985

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.9077, 0.3756, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6926, 0.4918, 0.2985 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(246, 81, 114)` looks like.

```
.text, #text, p{  
    color:rgb(246, 81, 114)  
}
```

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(246, 81, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 81, 114) }
```

Border

The CSS property to change the border of an element to Yxy 26.6926, 0.4918, 0.2985 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(246, 81, 114) }
```

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

```
.border{ border-color:rgb(246, 81, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 81, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 81, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 81, 114);  
box-shadow:4px 4px 4px 4px rgb(246, 81,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6926, 0.4918, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 81, 114) }
```

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

```
.background{ background-color: rgb(246, 81,  
114) }
```

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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