

Converting Colors

$Yxy(35.0498, 0.5307, 0.2968)$

Have a look what the booklet for
Yxy(35.0498, 0.5307, 0.2968)
contains.

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Color

Yxy(26.8006, 0.5012, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	FF4575
RGB	255, 69, 117
RGB Percent	100%, 27%, 46%
CMY	0.0001, 0.7293, 0.5411
CMYK	0.00, 0.73, 0.54, 0.00
HSL	345°, 100%, 64%
HSV	345°, 73%, 100%
XYZ	46.5758, 26.8006, 19.5522
YIQ	130.0860, 95.4480, 54.3600

Conversions

Conversions Part 2

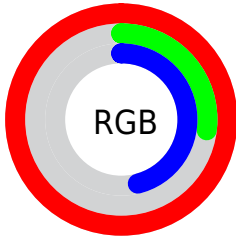
Format	Color
R_{YB}	255, 69, 117
Decimal	16729461
CIE _{Lab}	58.79, 71.83, 16.11
CIE _{LCh}	59, 73.612, 12.644
Yxy	26.8006, 0.5012, 0.2884
Android (android.graphics.Color)	4294919541 (0xFFFF4575)
YUV	130.0860, -6.4514, 109.5496
Hunter-Lab	51.7693, 69.9966, 13.8459

Details

The Yxy color **26.8006, 0.5012, 0.2884** 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 **77.2822, 0.2497, 0.3901**, and the grayscale version is **22.3586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0898, 0.4063, 0.2889**, and **11.6361, 0.5547, 0.2830** is the 20% darker color. If you saturate the color by 10%, you get **23.9077, 0.5400, 0.2912**, and if you desaturate by 10%, it is **31.1331, 0.4625, 0.2896**.

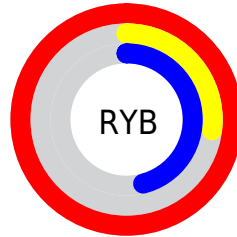
Distribution



Red (100%)

Green (27%)

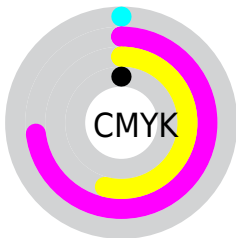
Blue (46%)



Red (100%)

Yellow (27%)

Blue (46%)

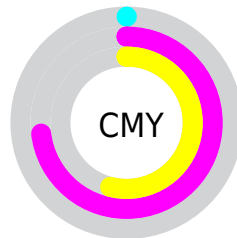


Cyan (0%)

Magenta (73%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8006, 0.5012, 0.2884 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 26.8006, 0.5012, 0.2884 by changing the saturation by 10% instead.


 26.8006, 0.5012,
0.2884


 26.8006, 0.5012,
0.2884


286.6904, 0.3987,
0.3142


 17.4235, 0.5289,
0.2800


 54.5637, 0.4622,
0.2992


 10.5369, 0.5653,
0.2681


 73.7186, 0.4481,
0.3028


 5.7564, 0.6146,
0.2503

 96.9015, 0.4363,
0.3057

 2.6975, 0.6832,
0.2222

 124.4968, 0.4264,
0.3080

 0.9759, 0.8163,
0.1837

 156.8889, 0.4180,
0.3100

 0.0000, 1.0000,
0.0000

194.4623, 0.4107,

 0.0000, 0.0000,

0.3116

0.0000

237.6013, 0.4043,
0.3130

■ 26.8006, 0.5012,
0.2884

■ 26.8006, 0.5012,
0.2884

■ 23.9077, 0.5400,
0.2912

■ 31.1331, 0.4625,
0.2896

■ 22.2581, 0.5747,
0.2984


■ 37.0589, 0.4268,
0.2937


■ 21.6482, 0.5951,
0.3052

■ 44.7168, 0.3958,
0.2997

■ 54.2295, 0.3696,
0.3065

■ 65.7081, 0.3481,
0.3136

 79.2552, 0.3306,
0.3206

 94.9661, 0.3163,
0.3272

99.9972, 0.3127,
0.3290

Harmonies

Analogous

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



26.8006, 0.3848, 0.2241



26.8006, 0.5012, 0.2884



26.8006, 0.5476, 0.3616

Triad

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



26.8006, 0.5012, 0.2884



26.8006, 0.3213, 0.5597



26.8006, 0.1330, 0.1729

Complementary

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



26.8006, 0.5012, 0.2884



77.2822, 0.2497, 0.3901

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.



26.8006, 0.1230, 0.2247



26.8006, 0.5012, 0.2884



26.8006, 0.2189, 0.4816

Square

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



26.8006, 0.5012, 0.2884



26.8006, 0.4268, 0.5237



26.8006, 0.1489, 0.3337



26.8006, 0.1772, 0.1610

Rectangle

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



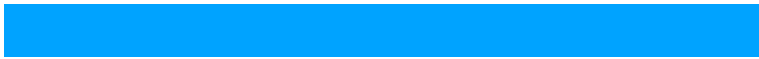
26.8006, 0.5012, 0.2884



26.8006, 0.5314, 0.4145



26.8006, 0.1489, 0.3337



26.8006, 0.1260, 0.1849

Sweetspot

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



26.8021, 0.5012, 0.2884



66.8840, 0.3463, 0.3143



24.5151, 0.2724, 0.1469



13.5957, 0.3516, 0.3124



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.



26.8021, 0.5012, 0.2884



22.9322, 0.5584, 0.2943



33.3688, 0.5288, 0.3665



18.0640, 0.3253, 0.3229



11.3335, 0.5910, 0.3029



1.1204, 0.5594, 0.2855

Inverse Universe

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



26.8021, 0.5012, 0.2884



22.9322, 0.5584, 0.2943



55.3708, 0.2173, 0.2737



18.0640, 0.3253, 0.3229



11.3335, 0.5910, 0.3029



1.1204, 0.5594, 0.2855

Previews

White Background



This preview shows how the Yxy color 26.8006, 0.5012, 0.2884 looks on a white background.

Color Contrast Check

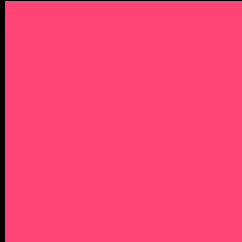
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8006, 0.5012, 0.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

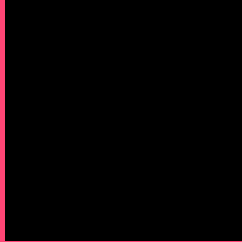
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8006, 0.5012, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 26.8006, 0.5012, 0.2884.



This preview shows how white text looks on a background with the Yxy color 26.8006, 0.5012, 0.2884.

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

26.8006, 0.5012, 0.2884

Protanopia

27.0124, 0.3010, 0.3096

Deuteranopia

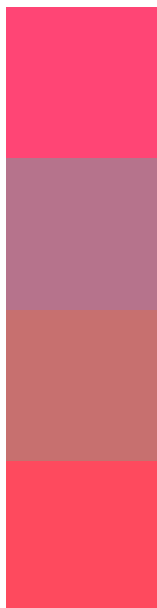
26.9065, 0.3797, 0.3722



Tritanopia

26.7845, 0.5443, 0.3265

Trichromacy



Original Color

26.8006, 0.5012, 0.2884

Protanomaly

24.1000, 0.3672, 0.2934

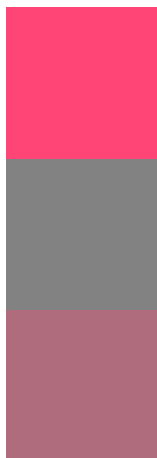
Deuteranomaly

24.8782, 0.4282, 0.3307

Tritanomaly

26.7765, 0.5304, 0.3132

Monochromacy



Original Color

26.8006, 0.5012, 0.2884

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.3198, 0.3811, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8006, 0.5012, 0.2884 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, 69, 117)` looks like.

```
.text, #text, p{  
  color:rgb(255, 69, 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, 69, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 117) }
```

Border

The CSS property to change the border of an element to Yxy 26.8006, 0.5012, 0.2884 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, 69, 117) }
```

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

```
.border{ border-color:rgb(255, 69, 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, 69, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8006, 0.5012, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 117) }
```

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

```
.background{ background-color: rgb(255, 69,  
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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