

Converting Colors

$Y_{xy}(26.9527, 0.4598, 0.2858)$

Have a look what the booklet for
Yxy(26.9527, 0.4598, 0.2858)
contains.

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Color

Yxy(26.9534, 0.4596, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	F05782
RGB	240, 87, 130
RGB Percent	94%, 34%, 51%
CMY	0.0588, 0.6588, 0.4901
CMYK	0.00, 0.64, 0.46, 0.06
HSL	343°, 84%, 64%
HSV	343°, 64%, 94%
XYZ	43.3746, 26.9534, 24.0467
YIQ	137.6490, 77.3850, 45.8090

Conversions

Conversions Part 2

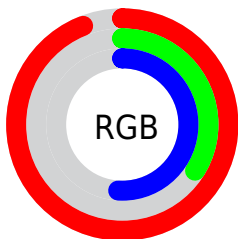
Format	Color
R _Y B	240, 87, 130
Decimal	15751042
CIE Lab	58.93, 61.97, 8.30
CIE LCh	59, 62.522, 7.629
Yxy	26.9534, 0.4596, 0.2856
Android (android.graphics.Color)	4293941122 (0xFFFF05782)
YUV	137.6490, -3.7710, 89.7618
Hunter-Lab	51.9167, 58.2765, 8.8798

Details

The Yxy color **26.9534, 0.4596, 0.2856** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **68.3769, 0.2549, 0.3859**, and the grayscale version is **25.2693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.6254, 0.3864, 0.2886**, and **10.6435, 0.5113, 0.2680** is the 20% darker color. If you saturate the color by 10%, you get **23.2681, 0.4970, 0.2843**, and if you desaturate by 10%, it is **32.0105, 0.4251, 0.2901**.

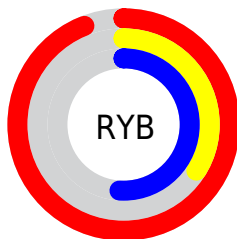
Distribution



Red (94%)

Green (34%)

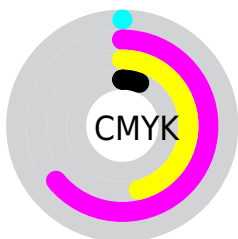
Blue (51%)



Red (94%)

Yellow (34%)

Blue (51%)

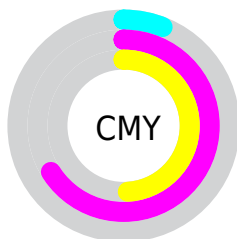


Cyan (0%)

Magenta (64%)

Yellow (46%)

Black (6%)



Cyan (6%)


Magenta (66%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9534, 0.4596, 0.2856 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 26.9534, 0.4596, 0.2856 by changing the saturation by 10% instead.


 26.9534, 0.4596,
0.2856


 26.9534, 0.4596,
0.2856


287.4314, 0.3796,
0.3108


 17.5382, 0.4816,
0.2781


 54.8091, 0.4290,
0.2956


 10.6190, 0.5110,
0.2677


 74.0184, 0.4179,
0.2991

 5.8112, 0.5519,
0.2525

 97.2612, 0.4088,
0.3020

 2.7306, 0.6116,
0.2288

 124.9219, 0.4011,
0.3044

 0.9928, 0.7129,
0.1914

157.3848, 0.3945,
0.3064

 0.0000, 1.0000,
0.0000

195.0345, 0.3889,

 0.0000, 0.0000,

0.3081

0.0000

238.2552, 0.3839,
0.3095

■ 26.9534, 0.4596,
0.2856

■ 26.9534, 0.4596,
0.2856

■ 23.2681, 0.4970,
0.2843

■ 32.0105, 0.4251,
0.2901

■ 20.8126, 0.5346,
0.2871

■ 38.5539, 0.3950,
0.2965


■ 19.4212, 0.5685,
0.2945


■ 46.6913, 0.3695,
0.3040

■ 18.9366, 0.5868,
0.3006

■ 56.5189, 0.3484,
0.3117

■ 68.1253, 0.3312,
0.3193

 81.5930, 0.3172,
0.3264

 96.9968, 0.3059,
0.3331

 97.2654, 0.3035,
0.3290

Harmonies

Analogous

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



26.9534, 0.3568, 0.2291



26.9534, 0.4596, 0.2856



26.9534, 0.5136, 0.3523

Triad

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



26.9534, 0.4596, 0.2856



26.9534, 0.3417, 0.5243



26.9534, 0.1494, 0.1977

Complementary

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



26.9534, 0.4596, 0.2856



68.3769, 0.2549, 0.3859

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.



26.9534, 0.1463, 0.2535



26.9534, 0.4596, 0.2856



26.9534, 0.2484, 0.4723

Square

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



26.9534, 0.4596, 0.2856



26.9534, 0.4325, 0.4920



26.9534, 0.1783, 0.3554



26.9534, 0.1847, 0.1801

Rectangle

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



26.9534, 0.4596, 0.2856



26.9534, 0.5105, 0.3996



26.9534, 0.1783, 0.3554



26.9534, 0.1448, 0.2115

Sweetspot

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



26.9549, 0.4596, 0.2856



70.8445, 0.3399, 0.3153



24.9315, 0.2767, 0.1640



14.3681, 0.3450, 0.3131



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.



26.9549, 0.4596, 0.2856



25.8730, 0.5065, 0.2845



32.6833, 0.4929, 0.3629



15.8319, 0.3249, 0.3224



10.3857, 0.5827, 0.2984



0.8804, 0.5454, 0.2778

Inverse Universe

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



26.9549, 0.4596, 0.2856



25.8730, 0.5065, 0.2845



52.8713, 0.2264, 0.2854



15.8319, 0.3249, 0.3224



10.3857, 0.5827, 0.2984



0.8804, 0.5454, 0.2778

Previews

White Background



This preview shows how the Yxy color 26.9534, 0.4596, 0.2856 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 26.9534, 0.4596, 0.2856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

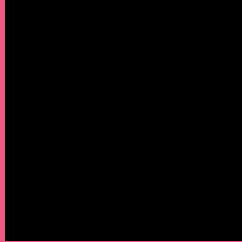
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9534, 0.4596, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 26.9534, 0.4596, 0.2856.



This preview shows how white text looks on a background with the Yxy color 26.9534, 0.4596, 0.2856.

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

26.9534, 0.4596, 0.2856

Protanopia

27.0768, 0.2924, 0.2986

Deuteranopia

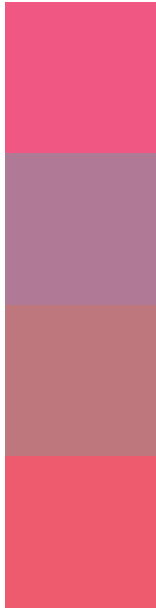
27.1079, 0.3576, 0.3509



Tritanopia

26.9067, 0.4982, 0.3236

Trichromacy



Original Color

26.9534, 0.4596, 0.2856

Protanomaly

25.0748, 0.3470, 0.2885

Deuteranomaly

25.7764, 0.3948, 0.3196

Tritanomaly

26.9587, 0.4854, 0.3104

Monochromacy



Original Color

26.9534, 0.4596, 0.2856

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.0569, 0.3637, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9534, 0.4596, 0.2856 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, 87, 130)` looks like.

```
.text, #text, p{  
  color:rgb(240, 87, 130)  
}
```

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, 87, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 87, 130) }
```

Border

The CSS property to change the border of an element to Yxy 26.9534, 0.4596, 0.2856 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, 87, 130) }
```

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

```
.border{ border-color:rgb(240, 87, 130) }
```

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

Here you see how a box with a 4 pixel rgb(240, 87, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 87, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 87, 130);  
box-shadow:4px 4px 4px 4px rgb(240, 87,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9534, 0.4596, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 87, 130) }
```

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

```
.background{ background-color: rgb(240, 87,  
130) }
```

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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