

Converting Colors

Yxy(26.2681, 0.4765, 0.2822)

Have a look what the booklet for
Yxy(26.2681, 0.4765, 0.2822)
contains.

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Color

Yxy(26.2681, 0.4765, 0.2822)

Conversions

Conversions Part 1	
Format	Color
Hex	F64C7E
RGB	246, 76, 126
RGB Percent	96%, 30%, 49%
CMY	0.0353, 0.7019, 0.5060
CMYK	0.00, 0.69, 0.49, 0.04
HSL	342°, 90%, 63%
HSV	342°, 69%, 96%
XYZ	44.3542, 26.2681, 22.4610
YIQ	132.5300, 85.2700, 51.5900

Conversions

Conversions Part 2

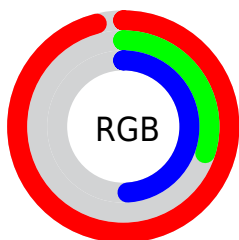
Format	Color
RYB	246, 76, 126
Decimal	16141438
CIELab	58.29, 67.61, 9.91
CIELCh	58, 68.329, 8.343
Yxy	26.2681, 0.4765, 0.2822
Android (android.graphics.Color)	4294331518 (0xFFFF64C7E)
YUV	132.5300, -3.2193, 99.5132
Hunter-Lab	51.2524, 64.7834, 9.8933

Details

The Yxy color **26.2681, 0.4765, 0.2822** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle washed rose. A complement of this color would be **71.4348, 0.2537, 0.3947**, and the grayscale version is **23.2670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8023, 0.3945, 0.2846**, and **10.7262, 0.5302, 0.2694** is the 20% darker color. If you saturate the color by 10%, you get **23.0924, 0.5138, 0.2829**, and if you desaturate by 10%, it is **30.8196, 0.4408, 0.2854**.

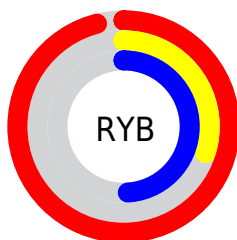
Distribution



Red (96%)

Green (30%)

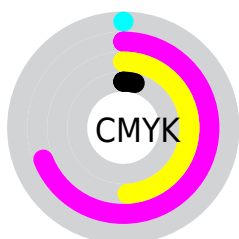
Blue (49%)



Red (96%)

Yellow (30%)

Blue (49%)

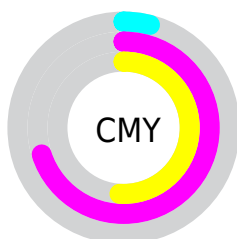


Cyan (0%)

Magenta (69%)

Yellow (49%)

Black (4%)



Cyan (4%)


Magenta (70%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2681, 0.4765, 0.2822 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 26.2681, 0.4765, 0.2822 by changing the saturation by 10% instead.


 26.2681, 0.4765,
0.2822


 26.2681, 0.4765,
0.2822


284.0957, 0.3871,
0.3098

 17.0243, 0.5010,
0.2738


 53.7071, 0.4423,
0.2933


 10.2518, 0.5337,
0.2622


 72.6712, 0.4300,
0.2971

 5.5662, 0.5788,
0.2453


 95.6441, 0.4197,
0.3002

 2.5832, 0.6438,
0.2188

 123.0103, 0.4111,
0.3028

 0.9182, 0.7606,
0.1795

155.1542, 0.4038,
0.3050

 0.0000, 1.0000,
0.0000

192.4601, 0.3975,

 0.0000, 0.0000,


0.3068

0.0000

235.3125, 0.3919,
0.3084

 26.2681, 0.4765,
0.2822


 26.2681, 0.4765,
0.2822


 23.0924, 0.5138,
0.2829


 30.8196, 0.4408,
0.2854

 21.1273, 0.5495,
0.2881


 36.8783, 0.4089,
0.2912


 20.1330, 0.5802,
0.2975


 44.5651, 0.3814,
0.2986


 20.0640, 0.5828,
0.2984

 53.9873, 0.3584,
0.3066

 65.2430, 0.3396,
0.3146

 78.4229, 0.3242,
0.3224

 93.6117, 0.3117,
0.3296

 98.3323, 0.3072,
0.3290

Harmonies

Analogous

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



26.2681, 0.3633, 0.2221



26.2681, 0.4765, 0.2822



26.2681, 0.5328, 0.3523

Triad

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



26.2681, 0.4765, 0.2822



26.2681, 0.3383, 0.5450



26.2681, 0.1379, 0.1856

Complementary

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



26.2681, 0.4765, 0.2822



71.4348, 0.2537, 0.3947

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.



26.2681, 0.1333, 0.2430



26.2681, 0.4765, 0.2822



26.2681, 0.2384, 0.4869

Square

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



26.2681, 0.4765, 0.2822



26.2681, 0.4369, 0.5052



26.2681, 0.1650, 0.3536



26.2681, 0.1758, 0.1688

Rectangle

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



26.2681, 0.4765, 0.2822



26.2681, 0.5261, 0.4026



26.2681, 0.1650, 0.3536



26.2681, 0.1328, 0.1995

Sweetspot

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



26.2696, 0.4765, 0.2822



68.2629, 0.3429, 0.3131



23.4280, 0.2698, 0.1515



13.8677, 0.3480, 0.3108



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.



26.2696, 0.4765, 0.2822



24.0445, 0.5287, 0.2844



31.2696, 0.5179, 0.3608



16.5626, 0.3247, 0.3221



10.7309, 0.5786, 0.2961



0.9604, 0.5431, 0.2766

Inverse Universe

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



26.2696, 0.4765, 0.2822



24.0445, 0.5287, 0.2844



55.2788, 0.2225, 0.2849



16.5626, 0.3247, 0.3221



10.7309, 0.5786, 0.2961



0.9604, 0.5431, 0.2766

Previews

White Background



This preview shows how the Yxy color 26.2681, 0.4765, 0.2822 looks on a white background.

Color Contrast Check

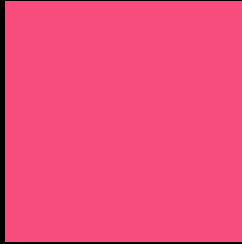
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2681, 0.4765, 0.2822 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 26.2681, 0.4765, 0.2822

Background



This preview shows how black text looks on a background with the Yxy color 26.2681, 0.4765, 0.2822.



This preview shows how white text looks on a background with the Yxy color 26.2681, 0.4765, 0.2822.

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

26.2681, 0.4765, 0.2822

Protanopia

26.3568, 0.2894, 0.2936

Deuteranopia

26.3173, 0.3628, 0.3558



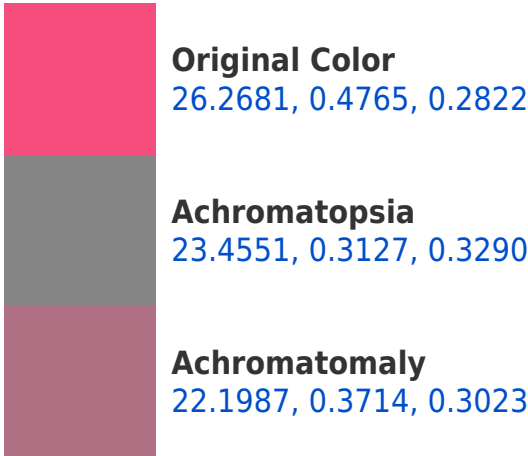
Tritanopia

26.2950, 0.5228, 0.3251

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2681, 0.4765, 0.2822 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, 76, 126) looks like.

```
.text, #text, p{  
    color:rgb(246, 76, 126)  
}
```

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, 76, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 76, 126) }
```

Border

The CSS property to change the border of an element to Yxy 26.2681, 0.4765, 0.2822 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, 76, 126) }
```

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

```
.border{ border-color:rgb(246, 76, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 76, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 76, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 76, 126);  
box-shadow:4px 4px 4px 4px rgb(246, 76,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2681, 0.4765, 0.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 76, 126) }
```

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

```
.background{ background-color: rgb(246, 76,  
126) }
```

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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