

Converting Colors

$Y_{xy}(25.2450, 0.4675, 0.2672)$

Have a look what the booklet for
Yxy(25.2450, 0.4675, 0.2672)
contains.

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Color

Yxy(25.3284, 0.4677, 0.2673)

Conversions

Conversions Part 1

Format	Color
Hex	F64386
RGB	246, 67, 134
RGB Percent	96%, 26%, 53%
CMY	0.0353, 0.7372, 0.4745
CMYK	0.00, 0.73, 0.46, 0.04
HSL	338°, 91%, 61%
HSV	338°, 73%, 96%
XYZ	44.3176, 25.3284, 25.1105
YIQ	128.1590, 85.1770, 58.7850

Conversions

Conversions Part 2

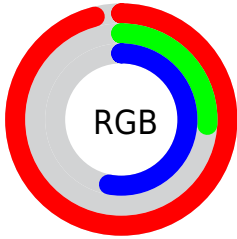
Format	Color
RYB	246, 67, 134
Decimal	16139142
CIELab	57.39, 71.36, 3.89
CIELCh	57, 71.471, 3.123
Yxy	25.3284, 0.4677, 0.2673
Android (android.graphics.Color)	4294329222 (0xFF64386)
YUV	128.1590, 2.8796, 103.3466
Hunter-Lab	50.3273, 69.1120, 5.6468

Details

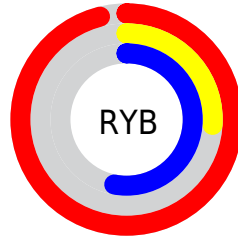
The Yxy color **25.3284, 0.4677, 0.2673** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **70.3615, 0.2588, 0.4195**, and the grayscale version is **21.6135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2862, 0.3863, 0.2687**, and **10.8462, 0.5120, 0.2594** is the 20% darker color. If you saturate the color by 10%, you get **22.6009, 0.5005, 0.2683**, and if you desaturate by 10%, it is **29.3623, 0.4360, 0.2709**.

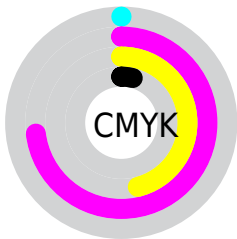
Distribution



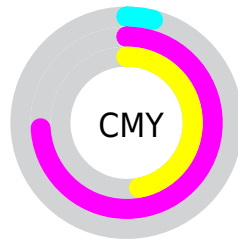
- Red (96%)
- Green (26%)
- Blue (53%)



- Red (96%)
- Yellow (26%)
- Blue (53%)



- Cyan (0%)
- Magenta (73%)
- Yellow (46%)
- Black (4%)




- Cyan (4%)
- Magenta (74%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3284, 0.4677, 0.2673 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 25.3284, 0.4677, 0.2673 by changing the saturation by 10% instead.


 25.3284, 0.4677,
0.2673


 25.3284, 0.4677,
0.2673

279.4695, 0.3831,
0.3018


 16.3219, 0.4910,
0.2575


 52.1895, 0.4353,
0.2807

 9.7522, 0.5221,
0.2443


 70.8129, 0.4236,
0.2855


 5.2350, 0.5653,
0.2255

 93.4106, 0.4140,
0.2894

 2.3858, 0.6282,
0.1975

 120.3672, 0.4058,
0.2927

 0.8186, 0.7298,
0.1539

 152.0670, 0.3989,
0.2955

 0.0000, 1.0000,
0.0000

188.8944, 0.3929,

 0.0000, 0.0000,

0.2979

0.0000

231.2337, 0.3877,
0.2999

■ 25.3284, 0.4677,
0.2673

■ 25.3284, 0.4677,
0.2673

■ 22.6009, 0.5005,
0.2683

■ 29.3623, 0.4360,
0.2709

■ 21.0035, 0.5319,
0.2746


■ 34.8408, 0.4070,
0.2778


■ 20.3676, 0.5526,
0.2818

■ 41.8889, 0.3817,
0.2868

■ 50.6169, 0.3603,
0.2967

■ 61.1249, 0.3424,
0.3070

 73.5053, 0.3277,
0.3170

 87.8439, 0.3156,
0.3265

 98.3334, 0.3072,
0.3290

Harmonies

Analogous

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



25.3284, 0.3433, 0.2082



25.3284, 0.4677, 0.2673



25.3284, 0.5403, 0.3380

Triad

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



25.3284, 0.4677, 0.2673



25.3284, 0.3557, 0.5557



25.3284, 0.1276, 0.1855

Complementary

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



25.3284, 0.4677, 0.2673



70.3615, 0.2588, 0.4195

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.



25.3284, 0.1284, 0.2534



25.3284, 0.4677, 0.2673



25.3284, 0.2503, 0.5172

Square

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



25.3284, 0.4677, 0.2673



25.3284, 0.4565, 0.4985



25.3284, 0.1676, 0.3797



25.3284, 0.1603, 0.1626

Rectangle

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



25.3284, 0.4677, 0.2673



25.3284, 0.5413, 0.3889



25.3284, 0.1676, 0.3797



25.3284, 0.1241, 0.2022

Sweetspot

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



25.3298, 0.4677, 0.2673



67.2228, 0.3412, 0.3077



20.0616, 0.2524, 0.1374



13.6748, 0.3457, 0.3049



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.



25.3298, 0.4677, 0.2673



23.6215, 0.5146, 0.2704



26.9599, 0.5467, 0.3468



16.5851, 0.3235, 0.3202



10.8961, 0.5483, 0.2794



0.9769, 0.5142, 0.2606

Inverse Universe

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



25.3298, 0.4677, 0.2673



23.6215, 0.5146, 0.2704



61.7628, 0.2246, 0.3022



16.5851, 0.3235, 0.3202



10.8961, 0.5483, 0.2794



0.9769, 0.5142, 0.2606

Previews

White Background



This preview shows how the Yxy color 25.3284, 0.4677, 0.2673 looks on a white background.

Color Contrast Check

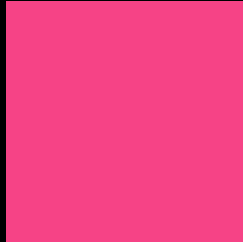
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3284, 0.4677, 0.2673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

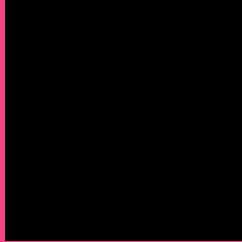
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3284, 0.4677, 0.2673

Background



This preview shows how black text looks on a background with the Yxy color 25.3284, 0.4677, 0.2673.



This preview shows how white text looks on a background with the Yxy color 25.3284, 0.4677, 0.2673.

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

25.3284, 0.4677, 0.2673

Protanopia

25.6536, 0.2694, 0.2685

Deuteranopia

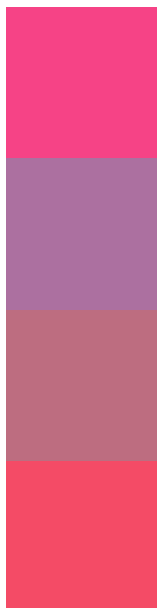
25.3236, 0.3484, 0.3420



Tritanopia

25.2867, 0.5321, 0.3253

Trichromacy



Original Color

25.3284, 0.4677, 0.2673

Protanomaly

22.8971, 0.3306, 0.2596

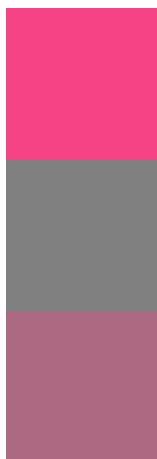
Deuteranomaly

23.3146, 0.3942, 0.3028

Tritanomaly

25.2246, 0.5108, 0.3052

Monochromacy



Original Color

25.3284, 0.4677, 0.2673

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.5777, 0.3696, 0.2928

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3284, 0.4677, 0.2673 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, 67, 134)` looks like.

```
.text, #text, p{  
    color:rgb(246, 67, 134)  
}
```

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, 67, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 67, 134) }
```

Border

The CSS property to change the border of an element to Yxy 25.3284, 0.4677, 0.2673 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, 67, 134) }
```

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

```
.border{ border-color:rgb(246, 67, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 67, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 67, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 67, 134);  
box-shadow:4px 4px 4px 4px rgb(246, 67,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3284, 0.4677, 0.2673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 67, 134) }
```

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

```
.background{ background-color: rgb(246, 67,  
134) }
```

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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