

Converting Colors

$Y_{xy}(43.2761, 0.3610, 0.2750)$

Have a look what the booklet for
Yxy(43.2761, 0.3610, 0.2750)
contains.

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Color

Yxy(43.0682, 0.3613, 0.2750)

Conversions

Conversions Part 1

Format	Color
Hex	F291C3
RGB	242, 145, 195
RGB Percent	95%, 57%, 76%
CMY	0.0511, 0.4313, 0.2353
CMYK	0.00, 0.40, 0.19, 0.05
HSL	329°, 79%, 76%
HSV	329°, 40%, 95%
XYZ	56.5838, 43.0682, 56.9597
YIQ	179.7030, 41.7620, 36.1140

Conversions

Conversions Part 2

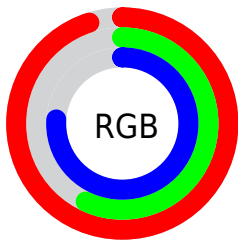
Format	Color
R_{YB}	242, 145, 195
Decimal	15897027
CIE _{Lab}	71.60, 43.03, -10.11
CIE _{LCh}	72, 44.199, 346.772
Yxy	43.0682, 0.3613, 0.2750
Android (android.graphics.Color)	4294087107 (0xFFFF291C3)
YUV	179.7030, 7.5414, 54.6345
Hunter-Lab	65.6264, 39.0585, -5.5216

Details

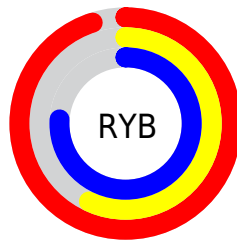
The Yxy color **43.0682, 0.3613, 0.2750** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **73.3095, 0.2824, 0.3910**, and the grayscale version is **45.4187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5968, 0.3173, 0.2779**, and **19.7677, 0.3753, 0.2612** is the 20% darker color. If you saturate the color by 10%, you get **35.9351, 0.3793, 0.2621**, and if you desaturate by 10%, it is **51.8217, 0.3458, 0.2887**.

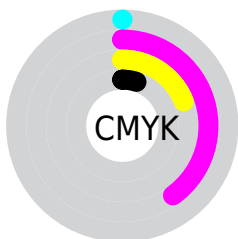
Distribution



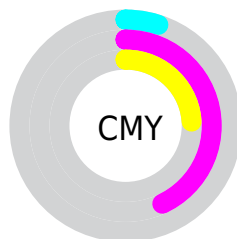
- Red (95%)
- Green (57%)
- Blue (76%)



- Red (95%)
- Yellow (57%)
- Blue (76%)



- Cyan (0%)
- Magenta (40%)
- Yellow (19%)
- Black (5%)





- Cyan (5%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0682, 0.3613, 0.2750 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 43.0682, 0.3613, 0.2750 by changing the saturation by 10% instead.


 43.0682, 0.3613,
0.2750


 43.0682, 0.3613,
0.2750


358.8922, 0.3373,
0.3012

 29.9386, 0.3672,
0.2687


 79.8138, 0.3526,
0.2843

 19.7920, 0.3747,
0.2608


 104.1986, 0.3494,
0.2879

 12.2439, 0.3846,
0.2505


133.1039, 0.3466,
0.2909

 6.9100, 0.3982,
0.2367

166.9141, 0.3442,
0.2935

 3.4059, 0.4180,
0.2170

206.0137, 0.3421,
0.2958

 1.3471, 0.4493,
0.1872

250.7869, 0.3403,

 0.1773, 0.5426,

0.2978

0.0753

301.6183, 0.3387,
0.2996

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.0682, 0.3613,
0.2750

43.0682, 0.3613,
0.2750

35.9351, 0.3793,
0.2621

51.8217, 0.3458,
0.2887

30.3143, 0.3998,
0.2512

62.2822, 0.3327,
0.3026

26.0946, 0.4224,
0.2434

74.5377, 0.3218,
0.3161

23.1460, 0.4462,
0.2400

88.6681, 0.3128,
0.3289

■ 21.3144, 0.4700,
0.2420

■ 97.5215, 0.3055,
0.3303

■ 20.3445, 0.4928,
0.2489

■ 97.6106, 0.3047,
0.3290

Harmonies

Analogous

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



43.0682, 0.2964, 0.2440



43.0682, 0.3613, 0.2750



43.0682, 0.4159, 0.3182

Triad

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



43.0682, 0.3613, 0.2750



43.0682, 0.3788, 0.4418



43.0682, 0.2008, 0.2714

Complementary

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



43.0682, 0.3613, 0.2750



73.3095, 0.2824, 0.3910

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.



43.0682, 0.2179, 0.3274



43.0682, 0.3613, 0.2750



43.0682, 0.3185, 0.4378

Square

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



43.0682, 0.3613, 0.2750



43.0682, 0.4239, 0.4120



43.0682, 0.2597, 0.3928



43.0682, 0.2093, 0.2389

Rectangle

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



43.0682, 0.3613, 0.2750



43.0682, 0.4357, 0.3503



43.0682, 0.2597, 0.3928



43.0682, 0.2036, 0.2878

Sweetspot

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



43.0702, 0.3613, 0.2750



81.0882, 0.3238, 0.3135



37.8589, 0.2743, 0.2170



16.9553, 0.3252, 0.3117



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.



43.0702, 0.3613, 0.2750



41.8976, 0.3757, 0.2645



41.2256, 0.4129, 0.3275



15.8949, 0.3212, 0.3169



10.9609, 0.4893, 0.2469



0.9320, 0.4610, 0.2313

Inverse Universe

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



43.0702, 0.3613, 0.2750



41.8976, 0.3757, 0.2645



75.8160, 0.2583, 0.3307



15.8949, 0.3212, 0.3169



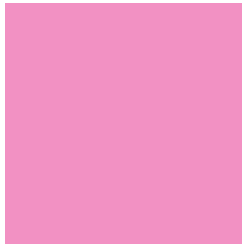
10.9609, 0.4893, 0.2469



0.9320, 0.4610, 0.2313

Previews

White Background



This preview shows how the Yxy color 43.0682, 0.3613, 0.2750 looks on a white background.

Color Contrast Check

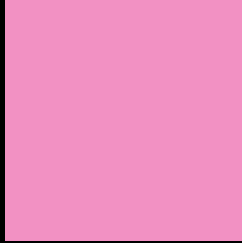
Large Text (above 18pt) WCAG AA × Fail

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 43.0682, 0.3613, 0.2750 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 ✓ Pass

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

Yxy 43.0682, 0.3613, 0.2750

Background



This preview shows how black text looks on a background with the Yxy color 43.0682, 0.3613, 0.2750.

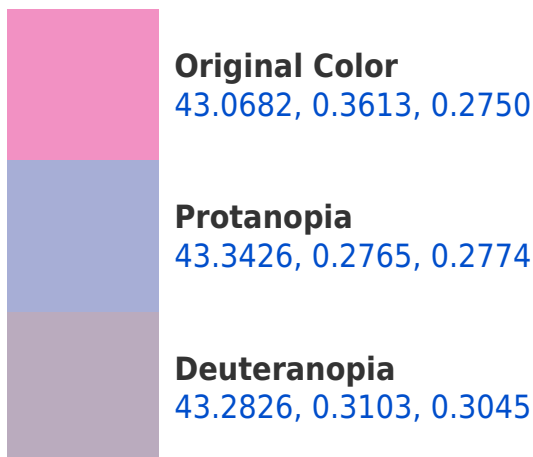


This preview shows how white text looks on a background with the Yxy color 43.0682, 0.3613, 0.2750.

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





Tritanopia

42.9190, 0.3902, 0.3169

Trichromacy



Original Color

43.0682, 0.3613, 0.2750



Protanomaly

42.1687, 0.3037, 0.2747



Deuteranomaly

42.7682, 0.3274, 0.2924



Tritanomaly

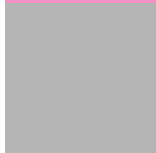
42.9016, 0.3792, 0.3013

Monochromacy



Original Color

43.0682, 0.3613, 0.2750



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.8367, 0.3303, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0682, 0.3613, 0.2750 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(242, 145, 195)` looks like.

```
.text, #text, p{  
    color:rgb(242, 145, 195)  
}
```

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(242, 145, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 145, 195) }
```

Border

The CSS property to change the border of an element to Yxy 43.0682, 0.3613, 0.2750 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(242, 145, 195) }
```

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

```
.border{ border-color:rgb(242, 145, 195) }
```

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

Here you see how a box with a 4 pixel rgb(242, 145, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 145, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 145, 195);  
box-shadow:4px 4px 4px 4px rgb(242, 145,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0682, 0.3613, 0.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 145, 195) }
```

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

```
.background{ background-color: rgb(242,  
145, 195) }
```

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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