

Converting Colors

$Y_{xy}(45.6345, 0.3661, 0.2970)$

Have a look what the booklet for
Yxy(45.6345, 0.3661, 0.2970)
contains.

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Color

Yxy(45.6304, 0.3661, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	EF9CB9
RGB	239, 156, 185
RGB Percent	94%, 61%, 73%
CMY	0.0627, 0.3882, 0.2744
CMYK	0.00, 0.35, 0.23, 0.06
HSL	339°, 72%, 77%
HSV	339°, 35%, 94%
XYZ	56.2468, 45.6304, 51.7605
YIQ	184.1230, 40.1590, 26.6150

Conversions

Conversions Part 2

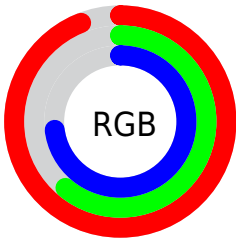
Format	Color
R _Y B	239, 156, 185
Decimal	15703225
CIE Lab	73.31, 34.85, -2.12
CIE LCh	73, 34.910, 356.525
Yxy	45.6304, 0.3661, 0.2970
Android (android.graphics.Color)	4293893305 (0xFFEF9CB9)
YUV	184.1230, 0.4324, 48.1271
Hunter-Lab	67.5503, 30.4178, 1.8541

Details

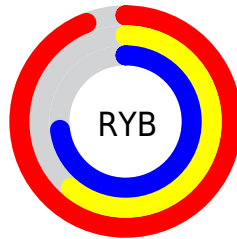
The Yxy color **45.6304, 0.3661, 0.2970** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **73.4572, 0.2785, 0.3639**, and the grayscale version is **47.9872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1994, 0.3244, 0.2993**, and **21.1902, 0.3809, 0.2875** is the 20% darker color. If you saturate the color by 10%, you get **37.7641, 0.3892, 0.2878**, and if you desaturate by 10%, it is **55.1508, 0.3468, 0.3066**.

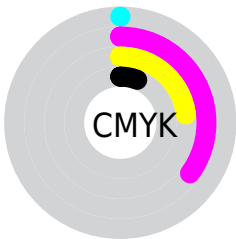
Distribution



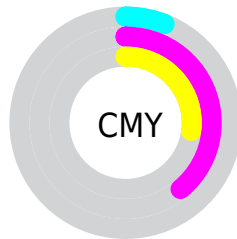
- Red (94%)
- Green (61%)
- Blue (73%)



- Red (94%)
- Yellow (61%)
- Blue (73%)



- Cyan (0%)
- Magenta (35%)
- Yellow (23%)
- Black (6%)





- Cyan (6%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6304, 0.3661, 0.2970 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 45.6304, 0.3661, 0.2970 by changing the saturation by 10% instead.

 45.6304, 0.3661,
0.2970

 45.6304, 0.3661,
0.2970


369.3207, 0.3394,
0.3129

 31.9543, 0.3727,
0.2931


 83.6656, 0.3564,
0.3027

 21.3266, 0.3813,
0.2881


 108.7934, 0.3528,
0.3049

 13.3629, 0.3926,
0.2815


138.5073, 0.3497,
0.3067

 7.6789, 0.4083,
0.2724

173.1916, 0.3471,
0.3083

 3.8902, 0.4316,
0.2591

213.2307, 0.3448,
0.3097

 1.6123, 0.4694,
0.2378

259.0089, 0.3428,

 0.3659, 0.5783,

0.3109

0.1691

310.9108, 0.3410,
0.3119

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.6304, 0.3661,
0.2970

45.6304, 0.3661,
0.2970

37.7641, 0.3892,
0.2878

55.1508, 0.3468,
0.3066

31.4502, 0.4164,
0.2798

66.4064, 0.3310,
0.3160

26.5857, 0.4473,
0.2740

79.4808, 0.3180,
0.3250

23.0522, 0.4809,
0.2717

94.4501, 0.3074,
0.3333

■ 20.7125, 0.5149,
0.2741

■ 97.0921, 0.3029,
0.3290

■ 19.3988, 0.5466,
0.2816

■ 18.9861, 0.5619,
0.2869

Harmonies

Analogous

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



45.6304, 0.3168, 0.2678



45.6304, 0.3661, 0.2970



45.6304, 0.4015, 0.3343

Triad

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



45.6304, 0.3661, 0.2970



45.6304, 0.3511, 0.4182



45.6304, 0.2235, 0.2743

Complementary

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



45.6304, 0.3661, 0.2970



73.4572, 0.2785, 0.3639

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.



45.6304, 0.2310, 0.3133



45.6304, 0.3661, 0.2970



45.6304, 0.3027, 0.4032

Square

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



45.6304, 0.3661, 0.2970



45.6304, 0.3911, 0.4048



45.6304, 0.2591, 0.3624



45.6304, 0.2371, 0.2536

Rectangle

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



45.6304, 0.3661, 0.2970



45.6304, 0.4108, 0.3604



45.6304, 0.2591, 0.3624



45.6304, 0.2236, 0.2855

Sweetspot

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



45.6326, 0.3661, 0.2970



83.7735, 0.3245, 0.3203



43.7036, 0.2921, 0.2362



17.4804, 0.3264, 0.3190



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.



45.6326, 0.3661, 0.2970



45.9266, 0.3829, 0.2901



48.9238, 0.3906, 0.3432



15.8502, 0.3238, 0.3208



10.5137, 0.5577, 0.2846



0.8928, 0.5211, 0.2644

Inverse Universe

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



45.6326, 0.3661, 0.2970



45.9266, 0.3829, 0.2901



67.9961, 0.2617, 0.3142



15.8502, 0.3238, 0.3208



10.5137, 0.5577, 0.2846



0.8928, 0.5211, 0.2644

Previews

White Background



This preview shows how the Yxy color 45.6304, 0.3661, 0.2970 looks on a white background.

Color Contrast Check

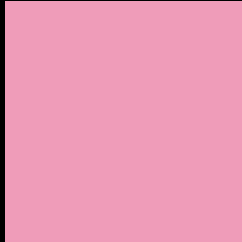
Large Text (above 18pt) WCAG AA × Fail

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 45.6304, 0.3661, 0.2970 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 45.6304, 0.3661, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 45.6304, 0.3661, 0.2970.

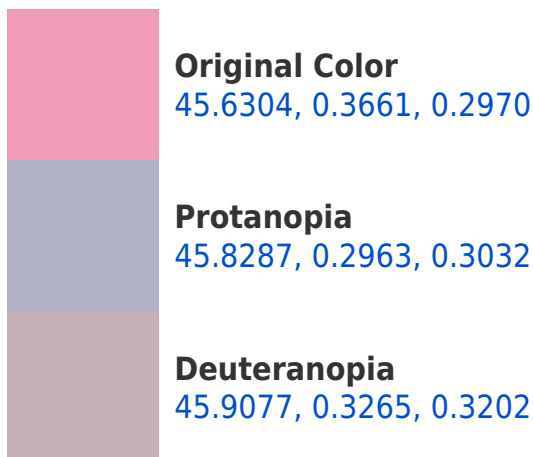


This preview shows how white text looks on a background with the Yxy color 45.6304, 0.3661, 0.2970.

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

45.7411, 0.3773, 0.3157

Trichromacy



Original Color

45.6304, 0.3661, 0.2970



Protanomaly

45.3002, 0.3194, 0.3007



Deuteranomaly

45.4212, 0.3403, 0.3110



Tritanomaly

45.7655, 0.3736, 0.3091

Monochromacy



Original Color

45.6304, 0.3661, 0.2970



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.5702, 0.3312, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6304, 0.3661, 0.2970 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(239, 156, 185)` looks like.

```
.text, #text, p{  
    color:rgb(239, 156, 185)  
}
```

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(239, 156, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 156, 185) }
```

Border

The CSS property to change the border of an element to Yxy 45.6304, 0.3661, 0.2970 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(239, 156, 185) }
```

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

```
.border{ border-color:rgb(239, 156, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 156, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 156, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 156, 185);  
box-shadow:4px 4px 4px 4px rgb(239, 156,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6304, 0.3661, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 156, 185) }
```

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

```
.background{ background-color: rgb(239,  
156, 185) }
```

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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