

Converting Colors

$Yxy(47.6626, 0.3583, 0.3044)$

Have a look what the booklet for
Yxy(47.6626, 0.3583, 0.3044)
contains.

Yxy(47.5885, 0.3586, 0.3044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.5885, 0.3586, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	EAA4BA
RGB	234, 164, 186
RGB Percent	92%, 64%, 73%
CMY	0.0825, 0.3568, 0.2706
CMYK	0.00, 0.30, 0.21, 0.08
HSL	341°, 62%, 78%
HSV	341°, 30%, 92%
XYZ	56.0619, 47.5885, 52.6850
YIQ	187.4380, 34.6580, 21.6820

Conversions

Conversions Part 2

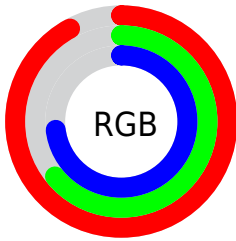
Format	Color
R _Y B	234, 164, 186
Decimal	15377594
CIE Lab	74.56, 28.96, -0.87
CIE LCh	75, 28.969, 358.282
Yxy	47.5885, 0.3586, 0.3044
Android (android.graphics.Color)	4293567674 (0xFFEAA4BA)
YUV	187.4380, -0.7089, 40.8349
Hunter-Lab	68.9844, 24.3397, 3.0079

Details

The Yxy color **47.5885, 0.3586, 0.3044** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71.4745, 0.2814, 0.3553**, and the grayscale version is **49.9446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8572, 0.3229, 0.3073**, and **22.4094, 0.3715, 0.2968** is the 20% darker color. If you saturate the color by 10%, you get **39.3268, 0.3811, 0.2959**, and if you desaturate by 10%, it is **57.4717, 0.3401, 0.3130**.

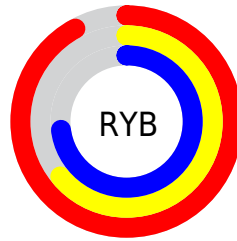
Distribution



Red (92%)

Green (64%)

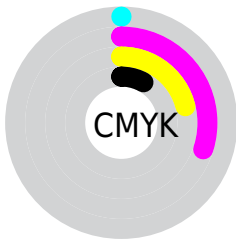
Blue (73%)



Red (92%)

Yellow (64%)

Blue (73%)

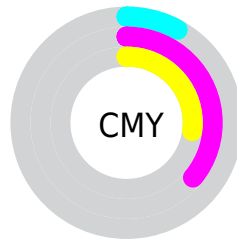


Cyan (0%)

Magenta (30%)

Yellow (21%)

Black (8%)



Cyan (8%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5885, 0.3586, 0.3044 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 47.5885, 0.3586, 0.3044 by changing the saturation by 10% instead.


 47.5885, 0.3586,
0.3044


 47.5885, 0.3586,
0.3044


377.1587, 0.3358,
0.3166

 33.5011, 0.3643,
0.3014


 86.5914, 0.3503,
0.3088

 22.5106, 0.3715,
0.2975


 112.2757, 0.3472,
0.3105

 14.2326, 0.3811,
0.2925


142.5945, 0.3446,
0.3119

 8.2826, 0.3944,
0.2854

177.9321, 0.3423,
0.3131

 4.2763, 0.4141,
0.2751

218.6729, 0.3404,
0.3141

 1.8293, 0.4459,
0.2585

265.2014, 0.3386,

 0.5053, 0.5256,

0.3151

0.2148

317.9018, 0.3371,
0.3159

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.5885, 0.3586,
0.3044

47.5885, 0.3586,
0.3044

39.3268, 0.3811,
0.2959

57.4717, 0.3401,
0.3130

32.5928, 0.4078,
0.2881

69.0502, 0.3249,
0.3213

27.2934, 0.4389,
0.2819

82.4014, 0.3126,
0.3291

23.3225, 0.4734,
0.2785

95.9202, 0.3026,
0.3337

■ 20.5589, 0.5095,
0.2791

■ 96.2268, 0.2999,
0.3290

■ 18.8591, 0.5442,
0.2845

■ 17.9824, 0.5746,
0.2940

■ 17.9748, 0.5749,
0.2941

Harmonies

Analogous

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



47.5885, 0.3189, 0.2792



47.5885, 0.3586, 0.3044



47.5885, 0.3862, 0.3361

Triad

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



47.5885, 0.3586, 0.3044



47.5885, 0.3427, 0.4014



47.5885, 0.2387, 0.2830

Complementary

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



47.5885, 0.3586, 0.3044



71.4745, 0.2814, 0.3553

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.



47.5885, 0.2442, 0.3147



47.5885, 0.3586, 0.3044



47.5885, 0.3027, 0.3873

Square

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



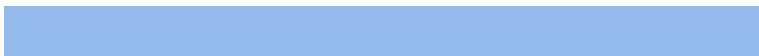
47.5885, 0.3586, 0.3044



47.5885, 0.3759, 0.3929



47.5885, 0.2670, 0.3540



47.5885, 0.2512, 0.2661

Rectangle

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



47.5885, 0.3586, 0.3044



47.5885, 0.3930, 0.3578



47.5885, 0.2670, 0.3540



47.5885, 0.2385, 0.2921

Sweetspot

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



47.5907, 0.3586, 0.3044



85.2489, 0.3238, 0.3220



46.4672, 0.2976, 0.2504



17.7722, 0.3258, 0.3208



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.



47.5907, 0.3586, 0.3044



51.3333, 0.3722, 0.2990



51.5510, 0.3755, 0.3437



15.1320, 0.3244, 0.3216



10.1241, 0.5708, 0.2918



0.8118, 0.5315, 0.2702

Inverse Universe

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



47.5907, 0.3586, 0.3044



51.3333, 0.3722, 0.2990



65.6222, 0.2679, 0.3137



15.1320, 0.3244, 0.3216



10.1241, 0.5708, 0.2918



0.8118, 0.5315, 0.2702

Previews

White Background



This preview shows how the Yxy color 47.5885, 0.3586, 0.3044 looks on a white background.

Color Contrast Check

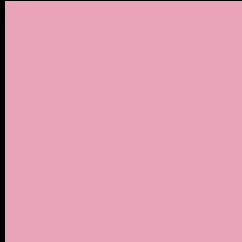
Large Text (above 18pt) WCAG AA × Fail

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 47.5885, 0.3586, 0.3044 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 47.5885, 0.3586, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 47.5885, 0.3586, 0.3044.



This preview shows how white text looks on a background with the Yxy color 47.5885, 0.3586, 0.3044.

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

47.5885, 0.3586, 0.3044

Protanopia

47.9655, 0.3019, 0.3112

Deuteranopia

47.8162, 0.3297, 0.3229



Tritanopia

47.4483, 0.3651, 0.3144

Trichromacy



Original Color

47.5885, 0.3586, 0.3044

Protanomaly

47.4575, 0.3215, 0.3082

Deuteranomaly

47.6440, 0.3403, 0.3159

Tritanomaly

47.5701, 0.3622, 0.3110

Monochromacy



Original Color

47.5885, 0.3586, 0.3044

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.6654, 0.3280, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5885, 0.3586, 0.3044 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(234, 164, 186)` looks like.

```
.text, #text, p{  
    color:rgb(234, 164, 186)  
}
```

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(234, 164, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 164, 186) }
```

Border

The CSS property to change the border of an element to Yxy 47.5885, 0.3586, 0.3044 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(234, 164, 186) }
```

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

```
.border{ border-color:rgb(234, 164, 186) }
```

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

Here you see how a box with a 4 pixel rgb(234, 164, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 164, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 164, 186);  
box-shadow:4px 4px 4px 4px rgb(234, 164,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5885, 0.3586, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 164, 186) }
```

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

```
.background{ background-color: rgb(234,  
164, 186) }
```

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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