

Converting Colors

$Y_{xy}(45.8901, 0.3496, 0.2981)$

Have a look what the booklet for
Yxy(45.8901, 0.3496, 0.2981)
contains.

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Color

Yxy(45.8457, 0.3497, 0.2981)

Conversions

Conversions Part 1

Format	Color
Hex	E3A2BD
RGB	227, 162, 189
RGB Percent	89%, 64%, 74%
CMY	0.1099, 0.3647, 0.2588
CMYK	0.00, 0.29, 0.17, 0.11
HSL	335°, 54%, 76%
HSV	335°, 29%, 89%
XYZ	53.7814, 45.8457, 54.1659
YIQ	184.5130, 30.0730, 22.1770

Conversions

Conversions Part 2

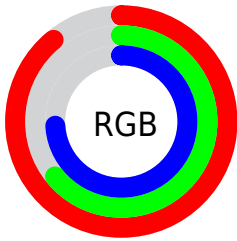
Format	Color
R _Y B	227, 162, 189
Decimal	14918333
CIE Lab	73.45, 28.02, -4.26
CIE LCh	73, 28.338, 351.363
Yxy	45.8457, 0.3497, 0.2981
Android (android.graphics.Color)	4293108413 (0xFFE3A2BD)
YUV	184.5130, 2.2121, 37.2611
Hunter-Lab	67.7095, 23.2905, -0.0339

Details

The Yxy color **45.8457, 0.3497, 0.2981** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **66.7814, 0.2864, 0.3623**, and the grayscale version is **48.2076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4783, 0.3211, 0.3015**, and **21.5874, 0.3602, 0.2900** is the 20% darker color. If you saturate the color by 10%, you get **38.0090, 0.3681, 0.2869**, and if you desaturate by 10%, it is **55.1825, 0.3344, 0.3093**.

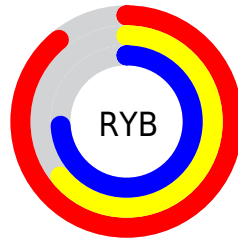
Distribution



Red (89%)

Green (64%)

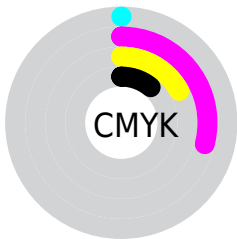
Blue (74%)



Red (89%)

Yellow (64%)

Blue (74%)

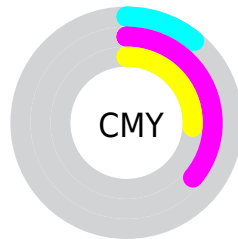


Cyan (0%)

Magenta (29%)

Yellow (17%)

Black (11%)



Cyan (11%)


Magenta (36%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8457, 0.3497, 0.2981 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 45.8457, 0.3497, 0.2981 by changing the saturation by 10% instead.


 45.8457, 0.3497,
0.2981

 45.8457, 0.3497,
0.2981

370.1880, 0.3313,
0.3133

 32.1241, 0.3543,
0.2944


 83.9880, 0.3430,
0.3036

 21.4563, 0.3601,
0.2897


 109.1775, 0.3405,
0.3056

 13.4579, 0.3678,
0.2835


138.9584, 0.3384,
0.3074

 7.7446, 0.3785,
0.2750

173.7151, 0.3366,
0.3089

 3.9320, 0.3944,
0.2626

213.8321, 0.3350,
0.3102

 1.6356, 0.4202,
0.2430

259.6936, 0.3336,

 0.3814, 0.4929,

0.3114

0.1768

311.6841, 0.3324,
0.3124

0.0000, 0.0000,
0.0000

45.8457, 0.3497,
0.2981

45.8457, 0.3497,
0.2981

38.0090, 0.3681,
0.2869

55.1825, 0.3344,
0.3093

31.5872, 0.3898,
0.2764

66.0865, 0.3218,
0.3202

26.4958, 0.4149,
0.2674

78.6279, 0.3114,
0.3304

22.6388, 0.4430,
0.2613

92.8713, 0.3029,
0.3398

19.9072, 0.4729,
0.2593

95.0683, 0.2958,
0.3290

■ 18.1725, 0.5028,
0.2624

■ 17.2435, 0.5309,
0.2706

■ 17.1425, 0.5346,
0.2719

Harmonies

Analogous

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



45.8457, 0.3094, 0.2753



45.8457, 0.3497, 0.2981



45.8457, 0.3809, 0.3285

Triad

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



45.8457, 0.3497, 0.2981



45.8457, 0.3510, 0.4006



45.8457, 0.2390, 0.2895

Complementary

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



45.8457, 0.3497, 0.2981



66.7814, 0.2864, 0.3623

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.



45.8457, 0.2486, 0.3235



45.8457, 0.3497, 0.2981



45.8457, 0.3120, 0.3919

Square

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



45.8457, 0.3497, 0.2981



45.8457, 0.3809, 0.3877



45.8457, 0.2747, 0.3624



45.8457, 0.2474, 0.2691

Rectangle

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



45.8457, 0.3497, 0.2981



45.8457, 0.3911, 0.3503



45.8457, 0.2747, 0.3624



45.8457, 0.2402, 0.2996

Sweetspot

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



45.8478, 0.3497, 0.2981



85.3874, 0.3223, 0.3197



43.6572, 0.2930, 0.2528



17.8063, 0.3240, 0.3181



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.



45.8478, 0.3497, 0.2981



53.7518, 0.3596, 0.2918



46.7312, 0.3740, 0.3355



14.4669, 0.3227, 0.3193



10.0211, 0.5308, 0.2698



0.7587, 0.4930, 0.2490

Inverse Universe

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



45.8478, 0.3497, 0.2981



53.7518, 0.3596, 0.2918



65.2420, 0.2706, 0.3224



14.4669, 0.3227, 0.3193



10.0211, 0.5308, 0.2698



0.7587, 0.4930, 0.2490

Previews

White Background



This preview shows how the Yxy color 45.8457, 0.3497, 0.2981 looks on a white background.

Color Contrast Check

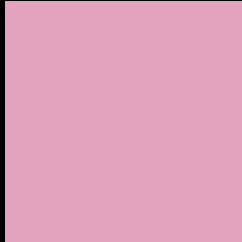
Large Text (above 18pt) WCAG AA × Fail

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 45.8457, 0.3497, 0.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

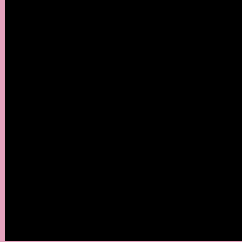
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.8457, 0.3497, 0.2981

Background



This preview shows how black text looks on a background with the Yxy color 45.8457, 0.3497, 0.2981.



This preview shows how white text looks on a background with the Yxy color 45.8457, 0.3497, 0.2981.

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

45.8457, 0.3497, 0.2981

Protanopia

46.2776, 0.2956, 0.3033

Deuteranopia

45.9836, 0.3214, 0.3140



Tritanopia

45.8940, 0.3597, 0.3140

Trichromacy



Original Color

45.8457, 0.3497, 0.2981

Protanomaly

45.6084, 0.3141, 0.3005

Deuteranomaly

45.6457, 0.3309, 0.3071

Tritanomaly

45.6993, 0.3562, 0.3082

Monochromacy



Original Color

45.8457, 0.3497, 0.2981

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.2688, 0.3255, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8457, 0.3497, 0.2981 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(227, 162, 189)` looks like.

```
.text, #text, p{  
    color:rgb(227, 162, 189)  
}
```

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(227, 162, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 162, 189) }
```

Border

The CSS property to change the border of an element to Yxy 45.8457, 0.3497, 0.2981 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(227, 162, 189) }
```

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

```
.border{ border-color:rgb(227, 162, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 162, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 162, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 162, 189); box-shadow:4px 4px 4px 4px rgb(227, 162, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8457, 0.3497, 0.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 162, 189) }
```

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

```
.background{ background-color: rgb(227,  
162, 189) }
```

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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