

Converting Colors

Yxy(51.0932, 0.3325, 0.2881)

Have a look what the booklet for
Yxy(51.0932, 0.3325, 0.2881)
contains.

Yxy(50.9315, 0.3330, 0.2880)	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(50.9315, 0.3330, 0.2880)

Conversions

Conversions Part 1

Format	Color
Hex	E6ACD1
RGB	230, 172, 209
RGB Percent	90%, 67%, 82%
CMY	0.0981, 0.3254, 0.1805
CMYK	0.00, 0.25, 0.09, 0.10
HSL	322°, 54%, 79%
HSV	322°, 25%, 90%
XYZ	58.8895, 50.9315, 67.0244
YIQ	193.5600, 22.6910, 23.8030

Conversions

Conversions Part 2

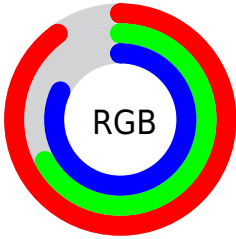
Format	Color
R _Y B	230, 172, 209
Decimal	15117521
CIE Lab	76.64, 26.96, -10.41
CIE LCh	77, 28.897, 338.879
Yxy	50.9315, 0.3330, 0.2880
Android (android.graphics.Color)	4293307601 (0xFFE6ACD1)
YUV	193.5600, 7.6119, 31.9579
Hunter-Lab	71.3663, 22.4023, -5.7264

Details

The Yxy color **50.9315, 0.3330, 0.2880** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **69.2160, 0.2968, 0.3739**, and the grayscale version is **53.6200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **24.5589, 0.3379, 0.2769** is the 20% darker color. If you saturate the color by 10%, you get **42.5205, 0.3436, 0.2712**, and if you desaturate by 10%, it is **60.8837, 0.3239, 0.3047**.

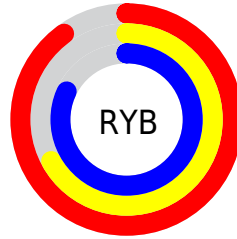
Distribution



Red (90%)

Green (67%)

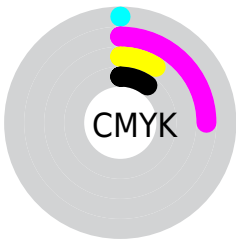
Blue (82%)



Red (90%)

Yellow (67%)

Blue (82%)

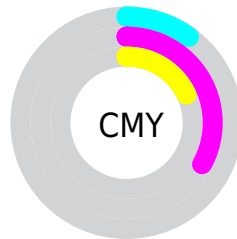


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (10%)



Cyan (10%)


Magenta (33%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9315, 0.3330, 0.2880 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 50.9315, 0.3330, 0.2880 by changing the saturation by 10% instead.


 50.9315, 0.3330,
0.2880

 50.9315, 0.3330,
0.2880

390.2976, 0.3233,
0.3075

 36.1541, 0.3353,
0.2834


 91.5535, 0.3296,
0.2949

 24.5532, 0.3381,
0.2777


118.1669, 0.3283,
0.2975

 15.7445, 0.3418,
0.2703


149.4944, 0.3272,
0.2998

 9.3435, 0.3467,
0.2605

185.9204, 0.3262,
0.3017

 4.9659, 0.3536,
0.2467

227.8294, 0.3253,
0.3035

 2.2273, 0.3638,
0.2262

275.6056, 0.3246,

 0.7348, 0.3816,

0.3050

0.1909

329.6336, 0.3239,
0.3063

0.0000, 0.4853,
0.0000

0.0000, 0.0000,
0.0000

50.9315, 0.3330,
0.2880

50.9315, 0.3330,
0.2880

42.5205, 0.3436,
0.2712

60.8837, 0.3239,
0.3047

35.5656, 0.3559,
0.2550

72.4430, 0.3162,
0.3209

29.9836, 0.3697,
0.2403

85.6797, 0.3098,
0.3362

25.6803, 0.3848,
0.2282

94.7734, 0.3046,
0.3417

■ 22.5494, 0.4009,
0.2200

■ 95.2871, 0.2999,
0.3333

■ 20.4673, 0.4173,
0.2165

■ 95.5624, 0.2976,
0.3290

■ 19.2824, 0.4334,
0.2182

■ 18.9155, 0.4410,
0.2203

Harmonies

Analogous

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



50.9315, 0.2933, 0.2701



50.9315, 0.3330, 0.2880



50.9315, 0.3689, 0.3155

Triad

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



50.9315, 0.3330, 0.2880



50.9315, 0.3644, 0.3965



50.9315, 0.2419, 0.3028

Complementary

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



50.9315, 0.3330, 0.2880



69.2160, 0.2968, 0.3739

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.



50.9315, 0.2585, 0.3397



50.9315, 0.3330, 0.2880



50.9315, 0.3284, 0.3973

Square

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



50.9315, 0.3330, 0.2880



50.9315, 0.3872, 0.3771



50.9315, 0.2897, 0.3759



50.9315, 0.2428, 0.2765

Rectangle

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



50.9315, 0.3330, 0.2880



50.9315, 0.3847, 0.3366



50.9315, 0.2897, 0.3759



50.9315, 0.2455, 0.3144

Sweetspot

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



50.9338, 0.3330, 0.2880



87.2004, 0.3183, 0.3164



46.4692, 0.2849, 0.2604



18.1820, 0.3194, 0.3140



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.



50.9338, 0.3330, 0.2880



58.8601, 0.3381, 0.2796



49.6564, 0.3580, 0.3192



14.5218, 0.3193, 0.3141



10.7335, 0.4386, 0.2190



0.8108, 0.4169, 0.2070

Inverse Universe

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



50.9338, 0.3330, 0.2880



58.8601, 0.3381, 0.2796



70.6002, 0.2806, 0.3392



14.5218, 0.3193, 0.3141



10.7335, 0.4386, 0.2190



0.8108, 0.4169, 0.2070

Previews

White Background



This preview shows how the Yxy color 50.9315, 0.3330, 0.2880 looks on a white background.

Color Contrast Check

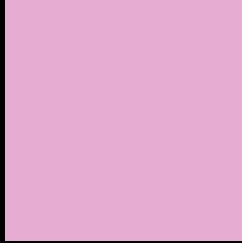
Large Text (above 18pt) WCAG AA × Fail

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 50.9315, 0.3330, 0.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

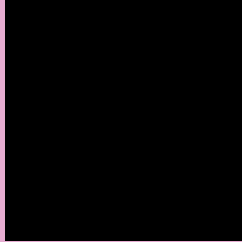
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9315, 0.3330, 0.2880

Background



This preview shows how black text looks on a background with the Yxy color 50.9315, 0.3330, 0.2880.



This preview shows how white text looks on a background with the Yxy color 50.9315, 0.3330, 0.2880.

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

50.9315, 0.3330, 0.2880

Protanopia

51.2713, 0.2870, 0.2912

Deuteranopia

51.0653, 0.3082, 0.3014



Tritanopia

50.6650, 0.3473, 0.3131

Trichromacy



Original Color

50.9315, 0.3330, 0.2880

Protanomaly

50.7797, 0.3031, 0.2899

Deuteranomaly

51.0455, 0.3168, 0.2963

Tritanomaly

50.7516, 0.3422, 0.3042

Monochromacy



Original Color

50.9315, 0.3330, 0.2880

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.5067, 0.3201, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9315, 0.3330, 0.2880 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(230, 172, 209)` looks like.

```
.text, #text, p{  
    color:rgb(230, 172, 209)  
}
```

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(230, 172, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 172, 209) }
```

Border

The CSS property to change the border of an element to Yxy 50.9315, 0.3330, 0.2880 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(230, 172, 209) }
```

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

```
.border{ border-color:rgb(230, 172, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 172, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 172, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 172, 209);  
box-shadow:4px 4px 4px 4px rgb(230, 172,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9315, 0.3330, 0.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 172, 209) }
```

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

```
.background{ background-color: rgb(230,  
172, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor