

Converting Colors

Yxy(50.8908, 0.3625, 0.3212)

Have a look what the booklet for
Yxy(50.8908, 0.3625, 0.3212)
contains.

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Color

Yxy(50.8446, 0.3630, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	EBADB4
RGB	235, 173, 180
RGB Percent	92%, 68%, 71%
CMY	0.0784, 0.3216, 0.2942
CMYK	0.00, 0.26, 0.23, 0.08
HSL	353°, 61%, 80%
HSV	353°, 26%, 92%
XYZ	57.4435, 50.8446, 49.9584
YIQ	192.3360, 34.7050, 15.3210

Conversions

Conversions Part 2

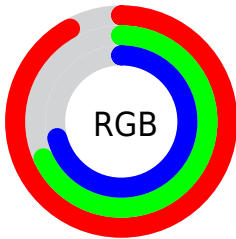
Format	Color
R_{YB}	235, 173, 180
Decimal	15445428
CIE _{Lab}	76.58, 23.67, 5.37
CIE _{LCh}	77, 24.267, 12.788
Yxy	50.8446, 0.3630, 0.3213
Android (android.graphics.Color)	4293635508 (0xFFEBADB4)
YUV	192.3360, -6.0816, 37.4163
Hunter-Lab	71.3054, 19.0148, 8.3737

Details

The Yxy color **50.8446, 0.3630, 0.3213** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.9091, 0.2779, 0.3370**, and the grayscale version is **52.9410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3548, 0.3262, 0.3221**, and **24.4302, 0.3773, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **41.8258, 0.3908, 0.3183**, and if you desaturate by 10%, it is **61.5811, 0.3405, 0.3243**.

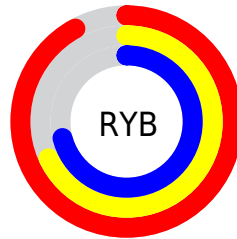
Distribution



Red (92%)

Green (68%)

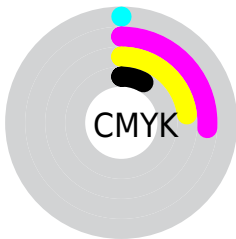
Blue (71%)



Red (92%)

Yellow (68%)

Blue (71%)

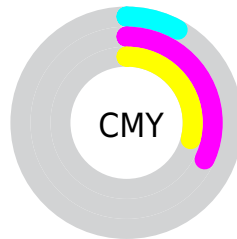


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (8%)



Cyan (8%)


Magenta (32%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8446, 0.3630, 0.3213 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 50.8446, 0.3630, 0.3213 by changing the saturation by 10% instead.


 50.8446, 0.3630,
0.3213

 50.8446, 0.3630,
0.3213

389.9597, 0.3381,
0.3254

 36.0849, 0.3692,
0.3202


 91.4250, 0.3540,
0.3229

 24.4998, 0.3770,
0.3187

118.0146, 0.3506,
0.3234

 15.7048, 0.3874,
0.3167


149.3162, 0.3477,
0.3239

 9.3155, 0.4018,
0.3138

185.7144, 0.3452,
0.3243

 4.9475, 0.4228,
0.3092

227.5934, 0.3431,
0.3246

 2.2165, 0.4565,
0.3010

275.3377, 0.3412,

 0.7290, 0.5402,

0.3249

0.2922

329.3317, 0.3395,
0.3252

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8446, 0.3630,
0.3213

50.8446, 0.3630,
0.3213

41.8258, 0.3908,
0.3183

61.5811, 0.3405,
0.3243

34.4289, 0.4246,
0.3155

74.1105, 0.3224,
0.3273

28.5595, 0.4643,
0.3135

88.5122, 0.3078,
0.3300

24.1107, 0.5084,
0.3127

96.4036, 0.3005,
0.3290

■ 20.9615, 0.5532,
0.3138

■ 18.9711, 0.5928,
0.3171

■ 17.9636, 0.6213,
0.3221

■ 17.7403, 0.6286,
0.3237

Harmonies

Analogous

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



50.8446, 0.3343, 0.2969



50.8446, 0.3630, 0.3213



50.8446, 0.3777, 0.3486

Triad

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



50.8446, 0.3630, 0.3213



50.8446, 0.3220, 0.3845



50.8446, 0.2546, 0.2828

Complementary

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



50.8446, 0.3630, 0.3213



73.9091, 0.2779, 0.3370

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.



50.8446, 0.2518, 0.3039



50.8446, 0.3630, 0.3213



50.8446, 0.2896, 0.3646

Square

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



50.8446, 0.3630, 0.3213



50.8446, 0.3530, 0.3868



50.8446, 0.2643, 0.3340



50.8446, 0.2720, 0.2749

Rectangle

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



50.8446, 0.3630, 0.3213



50.8446, 0.3772, 0.3655



50.8446, 0.2643, 0.3340



50.8446, 0.2520, 0.2885

Sweetspot

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



50.8470, 0.3630, 0.3213



86.5563, 0.3251, 0.3268



52.3444, 0.3099, 0.2622



18.0203, 0.3277, 0.3264



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.



50.8470, 0.3630, 0.3213



54.7026, 0.3783, 0.3195



60.5101, 0.3627, 0.3555



15.0816, 0.3275, 0.3264



9.8817, 0.6262, 0.3224



0.7851, 0.5979, 0.3067

Inverse Universe

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



50.8470, 0.3630, 0.3213



54.7026, 0.3783, 0.3195



61.5912, 0.2715, 0.3008



15.0816, 0.3275, 0.3264



9.8817, 0.6262, 0.3224



0.7851, 0.5979, 0.3067

Previews

White Background



This preview shows how the Yxy color 50.8446, 0.3630, 0.3213 looks on a white background.

Color Contrast Check

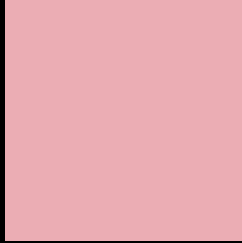
Large Text (above 18pt) WCAG AA × Fail

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 50.8446, 0.3630, 0.3213 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 50.8446, 0.3630, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 50.8446, 0.3630, 0.3213.



This preview shows how white text looks on a background with the Yxy color 50.8446, 0.3630, 0.3213.

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

50.8446, 0.3630, 0.3213

Protanopia

50.9780, 0.3161, 0.3278

Deuteranopia

51.0784, 0.3419, 0.3351



Tritanopia

50.8407, 0.3596, 0.3146

Trichromacy



Original Color

50.8446, 0.3630, 0.3213

Protanomaly

50.8220, 0.3318, 0.3254

Deuteranomaly

50.7105, 0.3490, 0.3291

Tritanomaly

50.7568, 0.3614, 0.3168

Monochromacy



Original Color

50.8446, 0.3630, 0.3213

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.7387, 0.3298, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8446, 0.3630, 0.3213 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(235, 173, 180)` looks like.

```
.text, #text, p{  
    color:rgb(235, 173, 180)  
}
```

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(235, 173, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 173, 180) }
```

Border

The CSS property to change the border of an element to Yxy 50.8446, 0.3630, 0.3213 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(235, 173, 180) }
```

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

```
.border{ border-color:rgb(235, 173, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 173, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 173, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 173, 180);  
box-shadow:4px 4px 4px 4px rgb(235, 173,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8446, 0.3630, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 173, 180) }
```

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

```
.background{ background-color: rgb(235,  
173, 180) }
```

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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