

Converting Colors

$Yxy(50.7419, 0.3676, 0.3286)$

Have a look what the booklet for
Yxy(50.7419, 0.3676, 0.3286)
contains.

Yxy(50.8205, 0.3673, 0.3292)	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(50.8205, 0.3673, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	EAAEAE
RGB	234, 174, 174
RGB Percent	92%, 68%, 68%
CMY	0.0824, 0.3176, 0.3177
CMYK	0.00, 0.26, 0.26, 0.08
HSL	0°, 59%, 80%
HSV	0°, 26%, 92%
XYZ	56.7022, 50.8205, 46.8530
YIQ	191.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

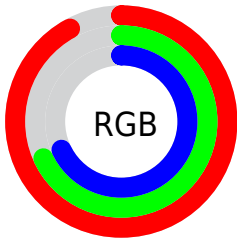
Format	Color
R _Y B	234, 174, 174
Decimal	15380142
CIE Lab	76.57, 21.90, 8.61
CIE LCh	77, 23.534, 21.463
Yxy	50.8205, 0.3673, 0.3292
Android (android.graphics.Color)	4293570222 (0xFFEAAEAE)
YUV	191.9400, -8.8444, 36.8866
Hunter-Lab	71.2885, 17.2224, 10.9347

Details

The Yxy color **50.8205, 0.3673, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.7519, 0.2751, 0.3288**, and the grayscale version is **52.7126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5108, 0.3307, 0.3300**, and **24.4270, 0.3821, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **41.7252, 0.3985, 0.3293**, and if you desaturate by 10%, it is **61.6523, 0.3422, 0.3291**.

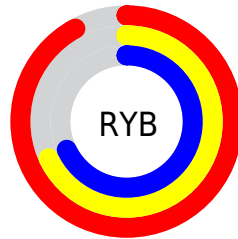
Distribution



Red (92%)

Green (68%)

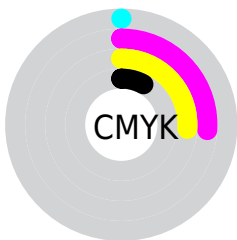
Blue (68%)



Red (92%)

Yellow (68%)

Blue (68%)

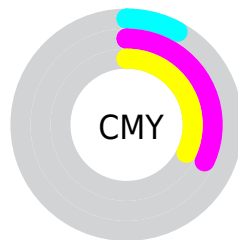


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (32%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8205, 0.3673, 0.3292 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 50.8205, 0.3673, 0.3292 by changing the saturation by 10% instead.


 50.8205, 0.3673,
0.3292

 50.8205, 0.3673,
0.3292


389.8660, 0.3402,
0.3296

 36.0658, 0.3740,
0.3290


 91.3894, 0.3575,
0.3295

 24.4850, 0.3826,
0.3286


117.9723, 0.3538,
0.3295

 15.6938, 0.3939,
0.3279


149.2668, 0.3507,
0.3296

 9.3077, 0.4096,
0.3267

185.6572, 0.3480,
0.3296

 4.9424, 0.4326,
0.3245

227.5279, 0.3456,
0.3296

 2.2135, 0.4692,
0.3196

275.2634, 0.3436,

 0.7274, 0.5839,

0.3296

329.2479, 0.3418,
0.3296

0.3299

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8205, 0.3673,
0.3292

50.8205, 0.3673,
0.3292

41.7252, 0.3985,
0.3293

61.6523, 0.3422,
0.3291

34.2695, 0.4364,
0.3294

74.2967, 0.3222,
0.3290

28.3580, 0.4806,
0.3296

88.8339, 0.3062,
0.3290

23.8825, 0.5287,
0.3297

96.2300, 0.2999,
0.3290

■ 20.7208, 0.5752,
0.3299

■ 18.7307, 0.6125,
0.3299

■ 17.7365, 0.6343,
0.3300

■ 17.4931, 0.6400,
0.3300

Harmonies

Analogous

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



50.8205, 0.3426, 0.3041



50.8205, 0.3673, 0.3292



50.8205, 0.3765, 0.3555

Triad

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



50.8205, 0.3673, 0.3292



50.8205, 0.3124, 0.3787



50.8205, 0.2598, 0.2806

Complementary

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



50.8205, 0.3673, 0.3292



73.7519, 0.2751, 0.3288

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.



50.8205, 0.2528, 0.2976



50.8205, 0.3673, 0.3292



50.8205, 0.2822, 0.3555

Square

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



50.8205, 0.3673, 0.3292



50.8205, 0.3438, 0.3862



50.8205, 0.2608, 0.3250



50.8205, 0.2803, 0.2766

Rectangle

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



50.8205, 0.3673, 0.3292



50.8205, 0.3725, 0.3706



50.8205, 0.2608, 0.3250



50.8205, 0.2558, 0.2849

Sweetspot

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



50.8229, 0.3673, 0.3292



86.4302, 0.3266, 0.3291



53.6930, 0.3157, 0.2652



17.9889, 0.3295, 0.3291



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.



50.8229, 0.3673, 0.3292



55.4429, 0.3836, 0.3293



63.7220, 0.3591, 0.3623



15.0556, 0.3293, 0.3291



9.8322, 0.6400, 0.3300



0.7726, 0.6399, 0.3301

Inverse Universe

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



73.7519, 0.2751, 0.3288



87.9330, 0.2681, 0.3288



58.1127, 0.2719, 0.2932



17.1202, 0.2981, 0.3289



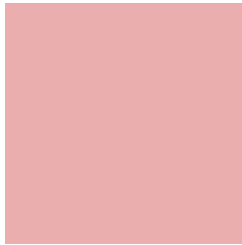
36.3606, 0.2246, 0.3286



2.8557, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 50.8205, 0.3673, 0.3292 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 50.8205, 0.3673, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

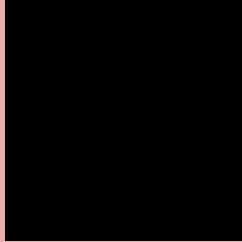
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8205, 0.3673, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 50.8205, 0.3673, 0.3292.



This preview shows how white text looks on a background with the Yxy color 50.8205, 0.3673, 0.3292.

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

50.8205, 0.3673, 0.3292

Protanopia

50.8132, 0.3224, 0.3365

Deuteranopia

51.1417, 0.3488, 0.3423



Tritanopia

50.6700, 0.3587, 0.3146

Trichromacy



Original Color

50.8205, 0.3673, 0.3292

Protanomaly

50.6770, 0.3385, 0.3339

Deuteranomaly

51.0318, 0.3549, 0.3374

Tritanomaly

50.8855, 0.3621, 0.3202

Monochromacy



Original Color

50.8205, 0.3673, 0.3292

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.4661, 0.3314, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8205, 0.3673, 0.3292 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, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 174)  
}
```

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, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 174) }
```

Border

The CSS property to change the border of an element to Yxy 50.8205, 0.3673, 0.3292 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, 174, 174) }
```

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

```
.border{ border-color:rgb(234, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(234, 174,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8205, 0.3673, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 174, 174) }
```

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

```
.background{ background-color: rgb(234,  
174, 174) }
```

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