

Converting Colors

$Yxy(50.9231, 0.3643, 0.3301)$

Have a look what the booklet for
Yxy(50.9231, 0.3643, 0.3301)
contains.

| | |
|--|----|
| Yxy(50.8717, 0.3652, 0.3303) | 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(50.8717, 0.3652, 0.3303)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E8AFAE |
| RGB | 232, 175, 174 |
| RGB Percent | 91%, 69%, 68% |
| CMY | 0.0902, 0.3137, 0.3176 |
| CMYK | 0.00, 0.25, 0.25, 0.09 |
| HSL | 1°, 56%, 80% |
| HSV | 1°, 25%, 91% |
| XYZ | 56.2469, 50.8717, 46.8981 |
| YIQ | 191.9290, 34.2930, 11.7730 |

Conversions

Conversions Part 2

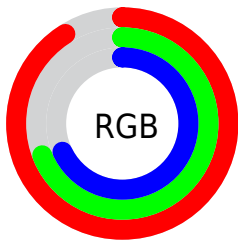
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 232, 175, 174 |
| Decimal | 15249326 |
| CIE Lab | 76.60, 20.64, 8.62 |
| CIE LCh | 77, 22.365, 22.660 |
| Yxy | 50.8717, 0.3652, 0.3303 |
| Android (android.graphics.Color) | 4293439406 (0xFFE8AFAE) |
| YUV | 191.9290, -8.8390, 35.1423 |
| Hunter-Lab | 71.3244, 15.9486, 10.9420 |

Details

The Yxy color **50.8717, 0.3652, 0.3303** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71.9675, 0.2759, 0.3277**, and the grayscale version is **52.7073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0690, 0.3306, 0.3310**, and **24.4382, 0.3792, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **41.9084, 0.3956, 0.3309**, and if you desaturate by 10%, it is **61.4938, 0.3407, 0.3298**.

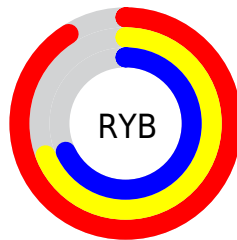
Distribution



Red (91%)

Green (69%)

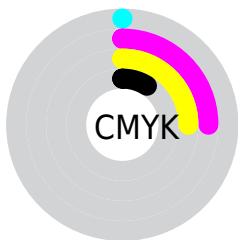
Blue (68%)



Red (91%)

Yellow (69%)

Blue (68%)

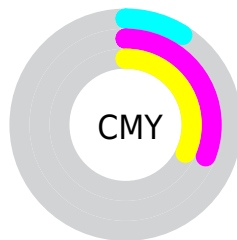


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8717, 0.3652, 0.3303 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 50.8717, 0.3652, 0.3303 by changing the saturation by 10% instead.


 50.8717, 0.3652,
0.3303

 50.8717, 0.3652,
0.3303

390.0651, 0.3391,
0.3301

 36.1065, 0.3717,
0.3302


 91.4651, 0.3558,
0.3303

 24.5165, 0.3799,
0.3300


118.0621, 0.3522,
0.3303

 15.7172, 0.3908,
0.3296


149.3718, 0.3492,
0.3303

 9.3242, 0.4059,
0.3288

185.7787, 0.3466,
0.3303

 4.9533, 0.4280,
0.3271

227.6670, 0.3444,
0.3302

 2.2199, 0.4633,
0.3231

275.4213, 0.3424,

 0.7308, 0.5752,

0.3302

329.4258, 0.3407,
0.3302

0.3360

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8717, 0.3652,
0.3303

50.8717, 0.3652,
0.3303

41.9084, 0.3956,
0.3309

61.4938, 0.3407,
0.3298

34.5135, 0.4326,
0.3314

73.8450, 0.3210,
0.3292

28.5991, 0.4759,
0.3319

88.0001, 0.3053,
0.3288

24.0656, 0.5234,
0.3321

95.8948, 0.2987,
0.3290

■ 20.8011, 0.5700,
0.3320

■ 18.6763, 0.6085,
0.3316

■ 17.5345, 0.6323,
0.3308

■ 17.2424, 0.6391,
0.3307

Harmonies

Analogous

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



50.8717, 0.3423, 0.3062



50.8717, 0.3652, 0.3303



50.8717, 0.3733, 0.3553

Triad

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



50.8717, 0.3652, 0.3303



50.8717, 0.3113, 0.3755



50.8717, 0.2629, 0.2826

Complementary

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



50.8717, 0.3652, 0.3303



71.9675, 0.2759, 0.3277

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.



50.8717, 0.2557, 0.2984



50.8717, 0.3652, 0.3303



50.8717, 0.2827, 0.3531

Square

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



50.8717, 0.3652, 0.3303



50.8717, 0.3412, 0.3833



50.8717, 0.2627, 0.3241



50.8717, 0.2830, 0.2792

Rectangle

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



50.8717, 0.3652, 0.3303



50.8717, 0.3690, 0.3694



50.8717, 0.2627, 0.3241



50.8717, 0.2589, 0.2865

Sweetspot

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



50.8741, 0.3652, 0.3303



88.2187, 0.3247, 0.3293



53.1976, 0.3164, 0.2678



18.6761, 0.3258, 0.3294



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.



50.8741, 0.3652, 0.3303



57.0690, 0.3801, 0.3306



63.3789, 0.3574, 0.3624



14.4079, 0.3292, 0.3295



9.5917, 0.6388, 0.3310



0.7231, 0.6350, 0.3340

Inverse Universe

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



71.9675, 0.2759, 0.3277



87.4176, 0.2692, 0.3274



57.0795, 0.2729, 0.2930



16.2911, 0.2982, 0.3285



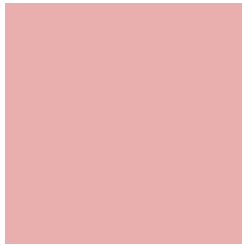
34.0477, 0.2232, 0.3235



2.5298, 0.2234, 0.3243

Previews

White Background



This preview shows how the Yxy color 50.8717, 0.3652, 0.3303 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 50.8717, 0.3652, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

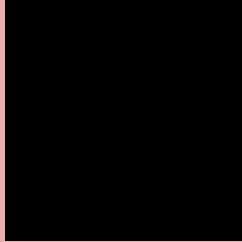
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8717, 0.3652, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 50.8717, 0.3652, 0.3303.



This preview shows how white text looks on a background with the Yxy color 50.8717, 0.3652, 0.3303.

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

50.8717, 0.3652, 0.3303

Protanopia

51.3335, 0.3239, 0.3390

Deuteranopia

51.1802, 0.3479, 0.3411



Tritanopia

50.7559, 0.3557, 0.3145

Trichromacy



Original Color

50.8717, 0.3652, 0.3303

Protanomaly

50.9052, 0.3382, 0.3364

Deuteranomaly

51.0318, 0.3549, 0.3374

Tritanomaly

50.9731, 0.3591, 0.3201

Monochromacy



Original Color

50.8717, 0.3652, 0.3303

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.8860, 0.3313, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8717, 0.3652, 0.3303 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(232, 175, 174)` looks like.

```
.text, #text, p{  
    color:rgb(232, 175, 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(232, 175, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 175, 174) }
```

Border

The CSS property to change the border of an element to Yxy 50.8717, 0.3652, 0.3303 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(232, 175, 174) }
```

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

```
.border{ border-color:rgb(232, 175, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 175, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 175, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 175, 174);  
box-shadow:4px 4px 4px 4px rgb(232, 175,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8717, 0.3652, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 175, 174) }
```

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

```
.background{ background-color: rgb(232,  
175, 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