

Converting Colors

$Yxy(50.6481, 0.3553, 0.3247)$

Have a look what the booklet for
Yxy(50.6481, 0.3553, 0.3247)
contains.

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Color

Yxy(50.6768, 0.3550, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	E3B0B4
RGB	227, 176, 180
RGB Percent	89%, 69%, 71%
CMY	0.1099, 0.3098, 0.2940
CMYK	0.00, 0.22, 0.21, 0.11
HSL	355°, 48%, 79%
HSV	355°, 22%, 89%
XYZ	55.4400, 50.6768, 50.0521
YIQ	191.7050, 29.1120, 12.0560

Conversions

Conversions Part 2

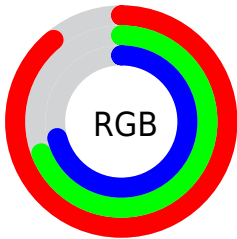
Format	Color
R _Y B	227, 176, 180
Decimal	14921908
CIE Lab	76.48, 19.13, 5.10
CIE LCh	76, 19.800, 14.924
Yxy	50.6768, 0.3550, 0.3245
Android (android.graphics.Color)	4293111988 (0xFFE3B0B4)
YUV	191.7050, -5.7706, 30.9537
Hunter-Lab	71.1876, 14.4350, 8.1445

Details

The Yxy color **50.6768, 0.3550, 0.3245** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.4864, 0.2818, 0.3336**, and the grayscale version is **52.5543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0294, 0.3259, 0.3251**, and **24.3562, 0.3676, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **41.7200, 0.3816, 0.3224**, and if you desaturate by 10%, it is **61.2550, 0.3336, 0.3266**.

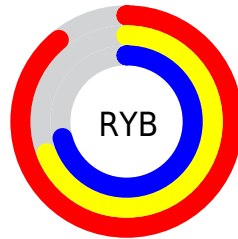
Distribution



Red (89%)

Green (69%)

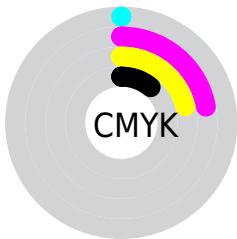
Blue (71%)



Red (89%)

Yellow (69%)

Blue (71%)

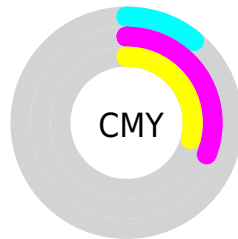


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (11%)



Cyan (11%)


Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6768, 0.3550, 0.3245 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 50.6768, 0.3550, 0.3245 by changing the saturation by 10% instead.

 50.6768, 0.3550,
0.3245

 50.6768, 0.3550,
0.3245


389.3068, 0.3340,
0.3270

 35.9515, 0.3602,
0.3238


 91.1769, 0.3474,
0.3255

 24.3967, 0.3668,
0.3229


117.7203, 0.3446,
0.3258

 15.6282, 0.3756,
0.3216


148.9720, 0.3421,
0.3261

 9.2614, 0.3877,
0.3197

185.3163, 0.3401,
0.3263

 4.9121, 0.4056,
0.3167

227.1375, 0.3382,
0.3265

 2.1958, 0.4344,
0.3112

274.8200, 0.3367,

 0.7177, 0.5098,

0.3267

0.3079

328.7483, 0.3353,
0.3268

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.6768, 0.3550,
0.3245

50.6768, 0.3550,
0.3245

41.7200, 0.3816,
0.3224

61.2550, 0.3336,
0.3266

34.2980, 0.4142,
0.3204

73.5218, 0.3164,
0.3285

28.3267, 0.4531,
0.3188

87.5492, 0.3026,
0.3304

23.7110, 0.4972,
0.3180

95.0682, 0.2958,
0.3290

■ 20.3446, 0.5433,
0.3184

■ 18.1053, 0.5857,
0.3203

■ 16.8463, 0.6179,
0.3237

■ 16.3714, 0.6330,
0.3261

Harmonies

Analogous

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



50.6768, 0.3323, 0.3038



50.6768, 0.3550, 0.3245



50.6768, 0.3659, 0.3471

Triad

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



50.6768, 0.3550, 0.3245



50.6768, 0.3186, 0.3731



50.6768, 0.2655, 0.2904

Complementary

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



50.6768, 0.3550, 0.3245



69.4864, 0.2818, 0.3336

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.



50.6768, 0.2623, 0.3072



50.6768, 0.3550, 0.3245



50.6768, 0.2922, 0.3563

Square

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



50.6768, 0.3550, 0.3245



50.6768, 0.3442, 0.3764



50.6768, 0.2718, 0.3315



50.6768, 0.2807, 0.2843

Rectangle

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



50.6768, 0.3550, 0.3245



50.6768, 0.3649, 0.3606



50.6768, 0.2718, 0.3315



50.6768, 0.2630, 0.2949

Sweetspot

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



50.6791, 0.3550, 0.3245



88.1210, 0.3238, 0.3277



52.2458, 0.3118, 0.2727



18.6536, 0.3248, 0.3275



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.



50.6791, 0.3550, 0.3245



60.2279, 0.3669, 0.3235



59.5088, 0.3534, 0.3532



14.3863, 0.3280, 0.3272



9.5561, 0.6312, 0.3251



0.7126, 0.6085, 0.3126

Inverse Universe

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



50.6791, 0.3550, 0.3245



60.2279, 0.3669, 0.3235



58.7961, 0.2776, 0.3035



14.3863, 0.3280, 0.3272



9.5561, 0.6312, 0.3251



0.7126, 0.6085, 0.3126

Previews

White Background



This preview shows how the Yxy color 50.6768, 0.3550, 0.3245 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 50.6768, 0.3550, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

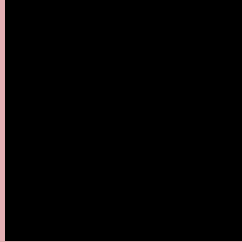
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6768, 0.3550, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 50.6768, 0.3550, 0.3245.



This preview shows how white text looks on a background with the Yxy color 50.6768, 0.3550, 0.3245.

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

50.6768, 0.3550, 0.3245

Protanopia

50.8918, 0.3176, 0.3303

Deuteranopia

50.9705, 0.3402, 0.3339



Tritanopia

50.7848, 0.3490, 0.3143

Trichromacy



Original Color

50.6768, 0.3550, 0.3245

Protanomaly

50.7208, 0.3307, 0.3291

Deuteranomaly

50.6489, 0.3461, 0.3303

Tritanomaly

50.6567, 0.3517, 0.3177

Monochromacy



Original Color

50.6768, 0.3550, 0.3245

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.7278, 0.3272, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6768, 0.3550, 0.3245 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, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(227, 176, 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(227, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 176, 180) }
```

Border

The CSS property to change the border of an element to Yxy 50.6768, 0.3550, 0.3245 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, 176, 180) }
```

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

```
.border{ border-color:rgb(227, 176, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(227, 176,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6768, 0.3550, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 176, 180) }
```

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

```
.background{ background-color: rgb(227,  
176, 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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