

Converting Colors

$Yxy(50.6713, 0.3503, 0.3208)$

Have a look what the booklet for
Yxy(50.6713, 0.3503, 0.3208)
contains.

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Color

Yxy(50.5189, 0.3497, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	E1B0B8
RGB	225, 176, 184
RGB Percent	88%, 69%, 72%
CMY	0.1177, 0.3098, 0.2785
CMYK	0.00, 0.22, 0.18, 0.12
HSL	350°, 45%, 79%
HSV	350°, 22%, 88%
XYZ	55.2249, 50.5189, 52.1771
YIQ	191.5630, 26.6360, 12.8760

Conversions

Conversions Part 2

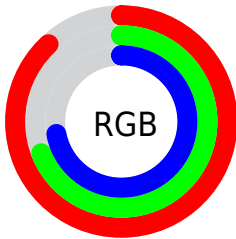
Format	Color
R _Y B	225, 176, 184
Decimal	14790840
CIE Lab	76.39, 19.01, 2.78
CIE LCh	76, 19.207, 8.320
Yxy	50.5189, 0.3497, 0.3199
Android (android.graphics.Color)	4292980920 (0xFFE1B0B8)
YUV	191.5630, -3.7286, 29.3242
Hunter-Lab	71.0766, 14.3063, 6.2291

Details

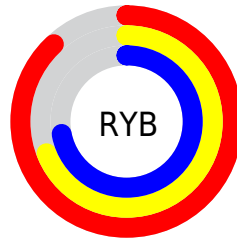
The Yxy color **50.5189, 0.3497, 0.3199** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.0888, 0.2850, 0.3384**, and the grayscale version is **52.4553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2645, 0.3233, 0.3212**, and **24.2396, 0.3601, 0.3169** is the 20% darker color. If you saturate the color by 10%, you get **41.6785, 0.3734, 0.3155**, and if you desaturate by 10%, it is **60.9313, 0.3305, 0.3242**.

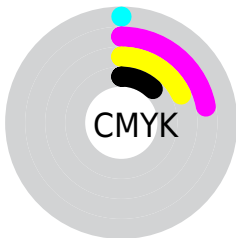
Distribution



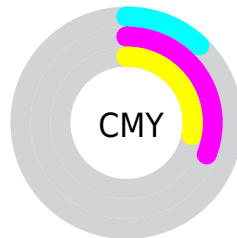
- Red (88%)
- Green (69%)
- Blue (72%)



- Red (88%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (12%)





- Cyan (12%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5189, 0.3497, 0.3199 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 50.5189, 0.3497, 0.3199 by changing the saturation by 10% instead.


 50.5189, 0.3497,
0.3199

 50.5189, 0.3497,
0.3199


388.6917, 0.3314,
0.3245

 35.8259, 0.3542,
0.3187


 90.9432, 0.3431,
0.3216

 24.2997, 0.3600,
0.3172


117.4433, 0.3406,
0.3222

 15.5561, 0.3676,
0.3151


148.6479, 0.3385,
0.3228

 9.2106, 0.3782,
0.3122

184.9413, 0.3367,
0.3232

 4.8788, 0.3938,
0.3079

226.7080, 0.3351,
0.3236

 2.1763, 0.4188,
0.3005

274.3324, 0.3337,

 0.7070, 0.4774,

0.3240

0.2881

328.1988, 0.3325,
0.3243

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.5189, 0.3497,
0.3199

50.5189, 0.3497,
0.3199

41.6785, 0.3734,
0.3155

60.9313, 0.3305,
0.3242

34.3271, 0.4023,
0.3112

72.9798, 0.3151,
0.3283

28.3846, 0.4369,
0.3075

86.7332, 0.3027,
0.3321

23.7603, 0.4767,
0.3051

94.7464, 0.2946,
0.3289

■ 20.3533, 0.5196,
0.3048

■ 18.0477, 0.5616,
0.3073

■ 16.7049, 0.5972,
0.3128

■ 16.1376, 0.6189,
0.3183

Harmonies

Analogous

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



50.5189, 0.3260, 0.3008



50.5189, 0.3497, 0.3199



50.5189, 0.3633, 0.3419

Triad

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



50.5189, 0.3497, 0.3199



50.5189, 0.3243, 0.3737



50.5189, 0.2650, 0.2943

Complementary

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



50.5189, 0.3497, 0.3199



68.0888, 0.2850, 0.3384

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.



50.5189, 0.2647, 0.3127



50.5189, 0.3497, 0.3199



50.5189, 0.2982, 0.3600

Square

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



50.5189, 0.3497, 0.3199



50.5189, 0.3480, 0.3739



50.5189, 0.2766, 0.3370



50.5189, 0.2775, 0.2859

Rectangle

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



50.5189, 0.3497, 0.3199



50.5189, 0.3644, 0.3557



50.5189, 0.2766, 0.3370



50.5189, 0.2635, 0.2994

Sweetspot

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



50.5212, 0.3497, 0.3199



88.2098, 0.3228, 0.3262



51.2163, 0.3085, 0.2739



18.6741, 0.3238, 0.3259



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.



50.5212, 0.3497, 0.3199



61.6725, 0.3595, 0.3179



56.9893, 0.3529, 0.3479



13.7367, 0.3267, 0.3252



9.3112, 0.6159, 0.3167



0.6567, 0.5767, 0.2950

Inverse Universe

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



50.5212, 0.3497, 0.3199



61.6725, 0.3595, 0.3179



60.1042, 0.2790, 0.3093



13.7367, 0.3267, 0.3252



9.3112, 0.6159, 0.3167



0.6567, 0.5767, 0.2950

Previews

White Background



This preview shows how the Yxy color 50.5189, 0.3497, 0.3199 looks on a white background.

Color Contrast Check

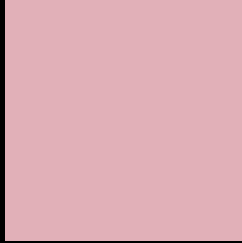
Large Text (above 18pt) WCAG AA × Fail

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 50.5189, 0.3497, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

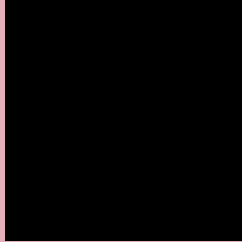
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5189, 0.3497, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 50.5189, 0.3497, 0.3199.



This preview shows how white text looks on a background with the Yxy color 50.5189, 0.3497, 0.3199.

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

50.5189, 0.3497, 0.3199

Protanopia

50.8044, 0.3129, 0.3253

Deuteranopia

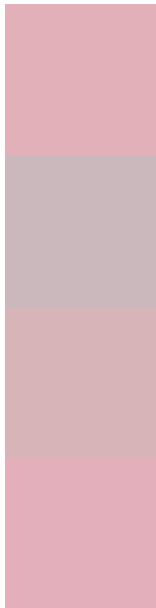
50.4301, 0.3353, 0.3279



Tritanopia

50.5028, 0.3464, 0.3130

Trichromacy



Original Color

50.5189, 0.3497, 0.3199

Protanomaly

50.6083, 0.3257, 0.3242

Deuteranomaly

50.5085, 0.3409, 0.3255

Tritanomaly

50.4166, 0.3481, 0.3153

Monochromacy



Original Color

50.5189, 0.3497, 0.3199

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.6293, 0.3255, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5189, 0.3497, 0.3199 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(225, 176, 184)` looks like.

```
.text, #text, p{  
    color:rgb(225, 176, 184)  
}
```

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(225, 176, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 176, 184) }
```

Border

The CSS property to change the border of an element to Yxy 50.5189, 0.3497, 0.3199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

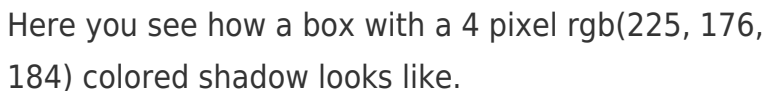
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 176, 184) }
```

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

```
.border{ border-color:rgb(225, 176, 184) }
```

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



Here you see how a box with a 4 pixel rgb(225, 176, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 176, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 176, 184);  
box-shadow:4px 4px 4px 4px rgb(225, 176,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5189, 0.3497, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 176, 184) }
```

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

```
.background{ background-color: rgb(225,  
176, 184) }
```

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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