

Converting Colors

$Y_{xy}(45.9360, 0.3783, 0.3191)$

Have a look what the booklet for
Yxy(45.9360, 0.3783, 0.3191)
contains.

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Color

Yxy(45.8391, 0.3781, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	ECA0A9
RGB	236, 160, 169
RGB Percent	93%, 63%, 66%
CMY	0.0744, 0.3726, 0.3372
CMYK	0.00, 0.32, 0.28, 0.07
HSL	353°, 67%, 78%
HSV	353°, 32%, 93%
XYZ	54.3315, 45.8391, 43.5256
YIQ	183.7500, 42.4070, 18.9110

Conversions

Conversions Part 2

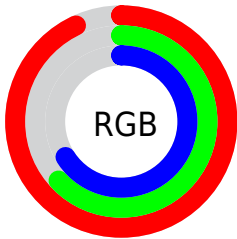
Format	Color
R _Y B	236, 160, 169
Decimal	15507625
CIE Lab	73.44, 29.44, 6.88
CIE LCh	73, 30.233, 13.151
Yxy	45.8391, 0.3781, 0.3190
Android (android.graphics.Color)	4293697705 (0xFFECA0A9)
YUV	183.7500, -7.2717, 45.8233
Hunter-Lab	67.7046, 24.7596, 9.2771

Details

The Yxy color **45.8391, 0.3781, 0.3190** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.0253, 0.2714, 0.3395**, and the grayscale version is **47.8128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2427, 0.3360, 0.3200**, and **21.5932, 0.3976, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **37.7004, 0.4091, 0.3159**, and if you desaturate by 10%, it is **55.6598, 0.3528, 0.3222**.

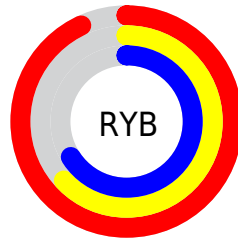
Distribution



Red (93%)

Green (63%)

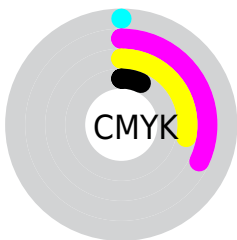
Blue (66%)



Red (93%)

Yellow (63%)

Blue (66%)

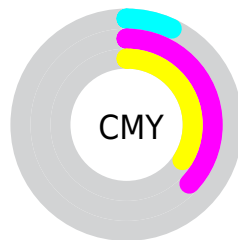


Cyan (0%)

Magenta (32%)

Yellow (28%)

Black (7%)



Cyan (7%)


Magenta (37%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8391, 0.3781, 0.3190 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 45.8391, 0.3781, 0.3190 by changing the saturation by 10% instead.


 45.8391, 0.3781,
0.3190


 45.8391, 0.3781,
0.3190


370.1614, 0.3451,
0.3246

 32.1189, 0.3864,
0.3174


 83.9781, 0.3660,
0.3212

 21.4523, 0.3971,
0.3153


 109.1658, 0.3615,
0.3219

 13.4550, 0.4115,
0.3124


138.9446, 0.3577,
0.3226

 7.7426, 0.4315,
0.3080

173.6991, 0.3545,
0.3231

 3.9307, 0.4615,
0.3007

213.8136, 0.3516,
0.3235

 1.6349, 0.5106,
0.2873

259.6726, 0.3492,

 0.3809, 0.7435,

0.3239

0.2565

311.6604, 0.3470,
0.3243

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.8391, 0.3781,
0.3190

45.8391, 0.3781,
0.3190

37.7004, 0.4091,
0.3159

55.6598, 0.3528,
0.3222

31.1431, 0.4462,
0.3134

67.2427, 0.3323,
0.3254

26.0660, 0.4885,
0.3119

80.6706, 0.3159,
0.3284

22.3538, 0.5334,
0.3121

96.0193, 0.3027,
0.3311

■ 19.8734, 0.5759,
0.3146

■ 96.5774, 0.3011,
0.3290

■ 18.4656, 0.6098,
0.3192

■ 17.9212, 0.6277,
0.3232

Harmonies

Analogous

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



45.8391, 0.3407, 0.2885



45.8391, 0.3781, 0.3190



45.8391, 0.3969, 0.3533

Triad

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



45.8391, 0.3781, 0.3190



45.8391, 0.3234, 0.4015



45.8391, 0.2390, 0.2695

Complementary

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



45.8391, 0.3781, 0.3190



73.0253, 0.2714, 0.3395

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.



45.8391, 0.2353, 0.2955



45.8391, 0.3781, 0.3190



45.8391, 0.2821, 0.3751

Square

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



45.8391, 0.3781, 0.3190



45.8391, 0.3635, 0.4037



45.8391, 0.2505, 0.3344



45.8391, 0.2609, 0.2603

Rectangle

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



45.8391, 0.3781, 0.3190



45.8391, 0.3957, 0.3750



45.8391, 0.2505, 0.3344



45.8391, 0.2357, 0.2763

Sweetspot

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



45.8413, 0.3781, 0.3190



83.4318, 0.3284, 0.3261



47.3473, 0.3078, 0.2469



17.3983, 0.3309, 0.3256



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.



45.8413, 0.3781, 0.3190



47.6891, 0.3990, 0.3168



56.2867, 0.3771, 0.3603



15.0831, 0.3274, 0.3262



9.8857, 0.6252, 0.3218



0.7858, 0.5959, 0.3056

Inverse Universe

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



45.8413, 0.3781, 0.3190



47.6891, 0.3990, 0.3168



58.7140, 0.2626, 0.2952



15.0831, 0.3274, 0.3262



9.8857, 0.6252, 0.3218



0.7858, 0.5959, 0.3056

Previews

White Background



This preview shows how the Yxy color 45.8391, 0.3781, 0.3190 looks on a white background.

Color Contrast Check

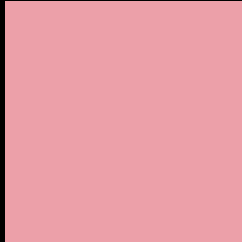
Large Text (above 18pt) WCAG AA × Fail

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 45.8391, 0.3781, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

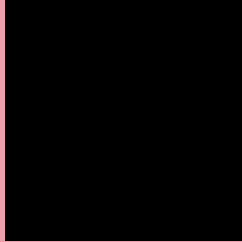
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.8391, 0.3781, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 45.8391, 0.3781, 0.3190.

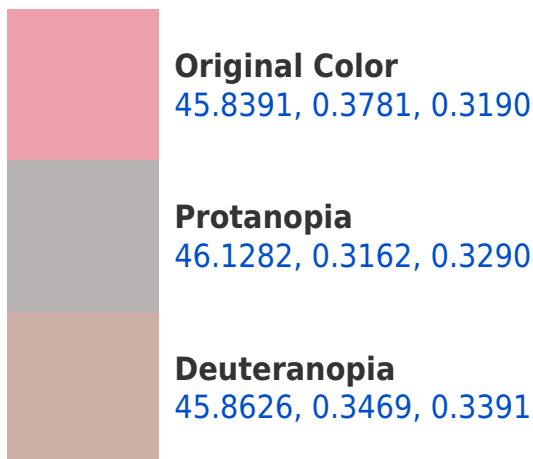


This preview shows how white text looks on a background with the Yxy color 45.8391, 0.3781, 0.3190.

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

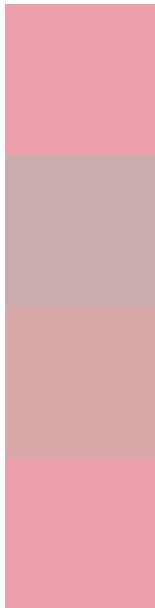




Tritanopia

45.9530, 0.3751, 0.3156

Trichromacy



Original Color

45.8391, 0.3781, 0.3190

Protanomaly

45.7182, 0.3374, 0.3253

Deuteranomaly

45.7649, 0.3585, 0.3316

Tritanomaly

45.9148, 0.3761, 0.3168

Monochromacy



Original Color

45.8391, 0.3781, 0.3190

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.6111, 0.3344, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8391, 0.3781, 0.3190 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(236, 160, 169)` looks like.

```
.text, #text, p{  
    color:rgb(236, 160, 169)  
}
```

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(236, 160, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 160, 169) }
```

Border

The CSS property to change the border of an element to Yxy 45.8391, 0.3781, 0.3190 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(236, 160, 169) }
```

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

```
.border{ border-color:rgb(236, 160, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 160, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 160, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 160, 169);  
box-shadow:4px 4px 4px 4px rgb(236, 160,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8391, 0.3781, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 160, 169) }
```

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

```
.background{ background-color: rgb(236,  
160, 169) }
```

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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