

Converting Colors

Yxy(50.0648, 0.3644, 0.3141)

Have a look what the booklet for
Yxy(50.0648, 0.3644, 0.3141)
contains.

Yxy(49.9720, 0.3639, 0.3136)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.9720, 0.3639, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	EEA9B7
RGB	238, 169, 183
RGB Percent	93%, 66%, 72%
CMY	0.0668, 0.3372, 0.2823
CMYK	0.00, 0.29, 0.23, 0.07
HSL	348°, 67%, 80%
HSV	348°, 29%, 93%
XYZ	57.9873, 49.9720, 51.3902
YIQ	191.2270, 36.6300, 18.9820

Conversions

Conversions Part 2

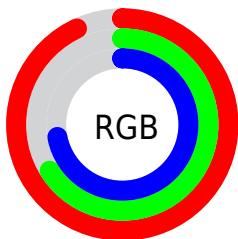
Format	Color
R_{YB}	238, 169, 183
Decimal	15641015
CIE _{Lab}	76.05, 27.29, 2.99
CIE _{LCh}	76, 27.455, 6.259
Yxy	49.9720, 0.3639, 0.3136
Android (android.graphics.Color)	4293831095 (0xFFEEA9B7)
YUV	191.2270, -4.0559, 41.0199
Hunter-Lab	70.6909, 22.7134, 6.3815

Details

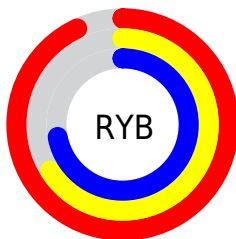
The Yxy color **49.9720, 0.3639, 0.3136** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74.9490, 0.2781, 0.3452**, and the grayscale version is **52.2479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3424, 0.3245, 0.3152**, and **23.9262, 0.3787, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **41.1725, 0.3900, 0.3081**, and if you desaturate by 10%, it is **60.4940, 0.3426, 0.3192**.

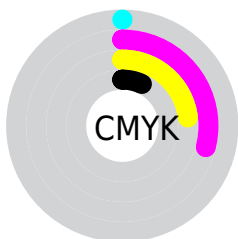
Distribution



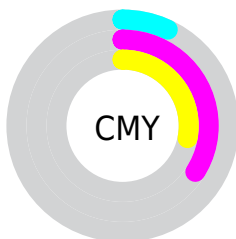
- Red (93%)
- Green (66%)
- Blue (72%)



- Red (93%)
- Yellow (66%)
- Blue (72%)



- Cyan (0%)
- Magenta (29%)
- Yellow (23%)
- Black (7%)





- Cyan (7%)
- Magenta (34%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9720, 0.3639, 0.3136 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 49.9720, 0.3639, 0.3136 by changing the saturation by 10% instead.


 49.9720, 0.3639,
0.3136

 49.9720, 0.3639,
0.3136

386.5564, 0.3385,
0.3214

 35.3912, 0.3702,
0.3116


 90.1334, 0.3547,
0.3165

 23.9643, 0.3782,
0.3091


116.4827, 0.3513,
0.3175

 15.3072, 0.3888,
0.3056


147.5237, 0.3483,
0.3184

 9.0352, 0.4034,
0.3008

183.6406, 0.3458,
0.3192

 4.7642, 0.4249,
0.2935

225.2180, 0.3436,
0.3199

 2.1096, 0.4593,
0.2814

272.6401, 0.3417,

 0.6700, 0.5391,

0.3205

0.2594

326.2915, 0.3400,
0.3210

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.9720, 0.3639,
0.3136

49.9720, 0.3639,
0.3136

41.1725, 0.3900,
0.3081

60.4940, 0.3426,
0.3192

33.9967, 0.4214,
0.3032

72.8163, 0.3253,
0.3245

28.3467, 0.4580,
0.2995

87.0205, 0.3114,
0.3295

24.1111, 0.4986,
0.2979

96.9117, 0.3023,
0.3290

■ 21.1630, 0.5400,
0.2995

■ 19.3530, 0.5779,
0.3047

■ 18.4568, 0.6075,
0.3127

■ 18.3872, 0.6101,
0.3134

Harmonies

Analogous

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



49.9720, 0.3288, 0.2877



49.9720, 0.3639, 0.3136



49.9720, 0.3849, 0.3441

Triad

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



49.9720, 0.3639, 0.3136



49.9720, 0.3311, 0.3949



49.9720, 0.2449, 0.2805

Complementary

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



49.9720, 0.3639, 0.3136



74.9490, 0.2781, 0.3452

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.



49.9720, 0.2455, 0.3069



49.9720, 0.3639, 0.3136



49.9720, 0.2939, 0.3762

Square

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



49.9720, 0.3639, 0.3136



49.9720, 0.3647, 0.3926



49.9720, 0.2629, 0.3426



49.9720, 0.2610, 0.2685

Rectangle

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



49.9720, 0.3639, 0.3136



49.9720, 0.3874, 0.3640



49.9720, 0.2629, 0.3426



49.9720, 0.2432, 0.2878

Sweetspot

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



49.9743, 0.3639, 0.3136



85.0985, 0.3254, 0.3245



50.2475, 0.3038, 0.2542



17.7354, 0.3277, 0.3237



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.



49.9743, 0.3639, 0.3136



51.8960, 0.3794, 0.3102



57.2414, 0.3709, 0.3508



15.8113, 0.3261, 0.3242



10.2761, 0.6066, 0.3116



0.8687, 0.5713, 0.2921

Inverse Universe

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



49.9743, 0.3639, 0.3136



51.8960, 0.3794, 0.3102



64.9763, 0.2683, 0.3060



15.8113, 0.3261, 0.3242



10.2761, 0.6066, 0.3116



0.8687, 0.5713, 0.2921

Previews

White Background



This preview shows how the Yxy color 49.9720, 0.3639, 0.3136 looks on a white background.

Color Contrast Check

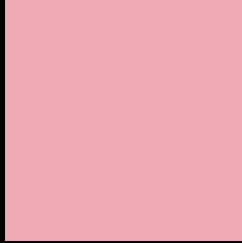
Large Text (above 18pt) WCAG AA × Fail

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 49.9720, 0.3639, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

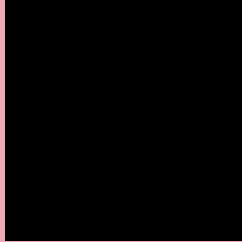
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.9720, 0.3639, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 49.9720, 0.3639, 0.3136.



This preview shows how white text looks on a background with the Yxy color 49.9720, 0.3639, 0.3136.

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

49.9720, 0.3639, 0.3136

Protanopia

50.3381, 0.3106, 0.3215

Deuteranopia

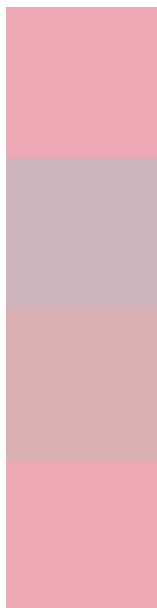
50.3474, 0.3369, 0.3303



Tritanopia

49.9305, 0.3649, 0.3147

Trichromacy



Original Color

49.9720, 0.3639, 0.3136

Protanomaly

49.5820, 0.3288, 0.3182

Deuteranomaly

50.0373, 0.3468, 0.3232

Tritanomaly

49.9305, 0.3649, 0.3147

Monochromacy



Original Color

49.9720, 0.3639, 0.3136

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.9077, 0.3301, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9720, 0.3639, 0.3136 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(238, 169, 183)` looks like.

```
.text, #text, p{  
    color:rgb(238, 169, 183)  
}
```

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(238, 169, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 169, 183) }
```

Border

The CSS property to change the border of an element to Yxy 49.9720, 0.3639, 0.3136 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(238, 169, 183) }
```

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

```
.border{ border-color:rgb(238, 169, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 169, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 169, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 169, 183);  
box-shadow:4px 4px 4px 4px rgb(238, 169,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9720, 0.3639, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 169, 183) }
```

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

```
.background{ background-color: rgb(238,  
169, 183) }
```

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