

Converting Colors

$Yxy(50.8809, 0.3557, 0.3233)$

Have a look what the booklet for
Yxy(50.8809, 0.3557, 0.3233)
contains.

Yxy(51.0449, 0.3559, 0.3234)	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(51.0449, 0.3559, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	E5B0B5
RGB	229, 176, 181
RGB Percent	90%, 69%, 71%
CMY	0.1021, 0.3097, 0.2901
CMYK	0.00, 0.23, 0.21, 0.10
HSL	354°, 50%, 79%
HSV	354°, 23%, 90%
XYZ	56.1746, 51.0449, 50.6187
YIQ	192.4170, 29.9830, 12.7910

Conversions

Conversions Part 2

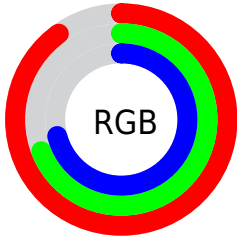
Format	Color
R _Y B	229, 176, 181
Decimal	15052981
CIE Lab	76.71, 20.01, 4.90
CIE LCh	77, 20.598, 13.773
Yxy	51.0449, 0.3559, 0.3234
Android (android.graphics.Color)	4293243061 (0xFFE5B0B5)
YUV	192.4170, -5.6286, 32.0833
Hunter-Lab	71.4457, 15.3168, 8.0055

Details

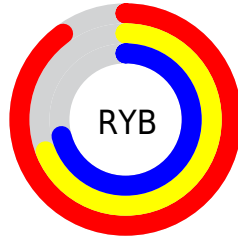
The Yxy color **51.0449, 0.3559, 0.3234** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.6369, 0.2814, 0.3348**, and the grayscale version is **52.9903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0877, 0.3252, 0.3241**, and **24.6087, 0.3688, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **42.0228, 0.3824, 0.3209**, and if you desaturate by 10%, it is **61.7128, 0.3345, 0.3259**.

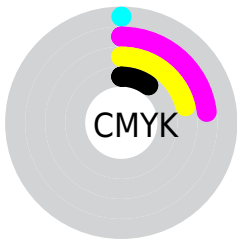
Distribution



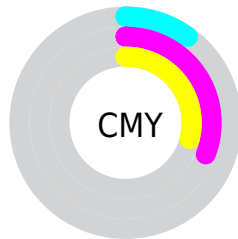
- Red (90%)
- Green (69%)
- Blue (71%)



- Red (90%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (10%)





- Cyan (10%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0449, 0.3559, 0.3234 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 51.0449, 0.3559, 0.3234 by changing the saturation by 10% instead.


 51.0449, 0.3559,
0.3234

 51.0449, 0.3559,
0.3234


390.7382, 0.3345,
0.3264

 36.2443, 0.3612,
0.3226


 91.7211, 0.3482,
0.3245

 24.6230, 0.3679,
0.3215


118.3656, 0.3453,
0.3250

 15.7964, 0.3768,
0.3200


149.7268, 0.3428,
0.3253

 9.3802, 0.3891,
0.3178

186.1892, 0.3407,
0.3256

 4.9900, 0.4072,
0.3144

228.1372, 0.3388,
0.3258

 2.2414, 0.4363,
0.3083

275.9550, 0.3372,

 0.7424, 0.5076,

0.3261

0.3026

330.0273, 0.3358,
0.3263

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.0449, 0.3559,
0.3234

51.0449, 0.3559,
0.3234

42.0228, 0.3824,
0.3209

61.7128, 0.3345,
0.3259

34.5579, 0.4149,
0.3185

74.0953, 0.3174,
0.3283

28.5642, 0.4534,
0.3166

88.2658, 0.3036,
0.3305

23.9442, 0.4971,
0.3156

95.3940, 0.2970,
0.3290

■ 20.5888, 0.5427,
0.3161

■ 18.3724, 0.5848,
0.3184

■ 17.1434, 0.6168,
0.3223

■ 16.7106, 0.6311,
0.3250

Harmonies

Analogous

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



51.0449, 0.3320, 0.3022



51.0449, 0.3559, 0.3234



51.0449, 0.3678, 0.3468

Triad

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



51.0449, 0.3559, 0.3234



51.0449, 0.3199, 0.3753



51.0449, 0.2634, 0.2894

Complementary

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



51.0449, 0.3559, 0.3234



70.6369, 0.2814, 0.3348

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.



51.0449, 0.2606, 0.3072



51.0449, 0.3559, 0.3234



51.0449, 0.2924, 0.3582

Square

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



51.0449, 0.3559, 0.3234



51.0449, 0.3463, 0.3781



51.0449, 0.2710, 0.3326



51.0449, 0.2787, 0.2827

Rectangle

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



51.0449, 0.3559, 0.3234



51.0449, 0.3671, 0.3610



51.0449, 0.2710, 0.3326



51.0449, 0.2610, 0.2942

Sweetspot

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



51.0472, 0.3559, 0.3234



88.1377, 0.3236, 0.3274



52.5081, 0.3111, 0.2708



18.6574, 0.3246, 0.3272



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.



51.0472, 0.3559, 0.3234



59.1081, 0.3686, 0.3221



59.8119, 0.3551, 0.3530



14.3900, 0.3278, 0.3268



9.5643, 0.6290, 0.3239



0.7144, 0.6027, 0.3094

Inverse Universe

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



51.0472, 0.3559, 0.3234



59.1081, 0.3686, 0.3221



59.8974, 0.2766, 0.3037



14.3900, 0.3278, 0.3268



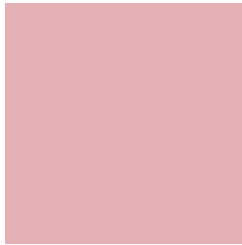
9.5643, 0.6290, 0.3239



0.7144, 0.6027, 0.3094

Previews

White Background



This preview shows how the Yxy color 51.0449, 0.3559, 0.3234 looks on a white background.

Color Contrast Check

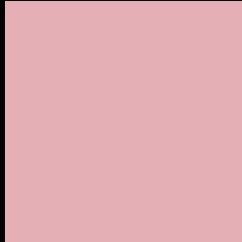
Large Text (above 18pt) WCAG AA × Fail

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 51.0449, 0.3559, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

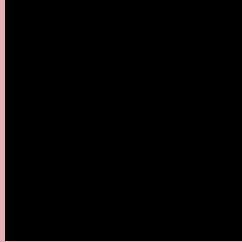
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0449, 0.3559, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 51.0449, 0.3559, 0.3234.



This preview shows how white text looks on a background with the Yxy color 51.0449, 0.3559, 0.3234.

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

51.0449, 0.3559, 0.3234

Protanopia

51.3635, 0.3168, 0.3303

Deuteranopia

51.1593, 0.3402, 0.3327



Tritanopia

51.1138, 0.3508, 0.3144

Trichromacy



Original Color

51.0449, 0.3559, 0.3234

Protanomaly

50.9056, 0.3307, 0.3278

Deuteranomaly

50.8432, 0.3461, 0.3291

Tritanomaly

50.9857, 0.3535, 0.3178

Monochromacy



Original Color

51.0449, 0.3559, 0.3234

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 51.0449, 0.3559, 0.3234 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(229, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(229, 176, 181)  
}
```

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(229, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 176, 181) }
```

Border

The CSS property to change the border of an element to Yxy 51.0449, 0.3559, 0.3234 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(229, 176, 181) }
```

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

```
.border{ border-color:rgb(229, 176, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 176, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(229, 176,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0449, 0.3559, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 176, 181) }
```

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

```
.background{ background-color: rgb(229,  
176, 181) }
```

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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