

Converting Colors

Yxy(50.2861, 0.3553, 0.3234)

Have a look what the booklet for
Yxy(50.2861, 0.3553, 0.3234)
contains.

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Color

Yxy(50.2861, 0.3553, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	E3AFB4
RGB	227, 175, 180
RGB Percent	89%, 69%, 71%
CMY	0.1098, 0.3137, 0.2942
CMYK	0.00, 0.23, 0.21, 0.11
HSL	354°, 48%, 79%
HSV	354°, 23%, 89%
XYZ	55.2463, 50.2861, 49.9596
YIQ	191.1180, 29.3870, 12.5790

Conversions

Conversions Part 2

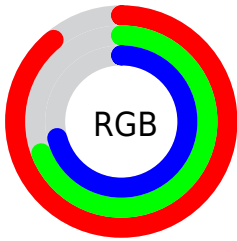
Format	Color
R _Y B	227, 175, 180
Decimal	14921652
CIE Lab	76.24, 19.67, 4.78
CIE LCh	76, 20.245, 13.668
Yxy	50.2861, 0.3553, 0.3234
Android (android.graphics.Color)	4293111732 (0xFFE3AFB4)
YUV	191.1180, -5.4812, 31.4685
Hunter-Lab	70.9127, 14.9676, 7.8678

Details

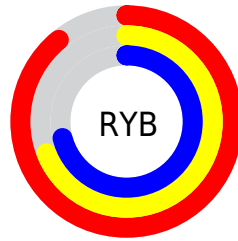
The Yxy color **50.2861, 0.3553, 0.3234** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.3334, 0.2817, 0.3348**, and the grayscale version is **52.1927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4680, 0.3260, 0.3241**, and **24.1093, 0.3679, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **41.4062, 0.3816, 0.3208**, and if you desaturate by 10%, it is **60.7799, 0.3341, 0.3259**.

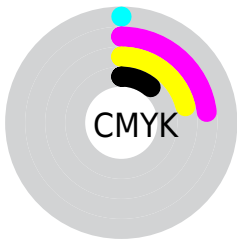
Distribution



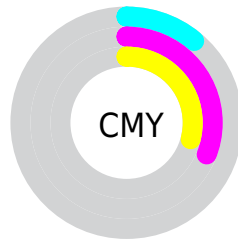
- Red (89%)
- Green (69%)
- Blue (71%)



- Red (89%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2861, 0.3553, 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 50.2861, 0.3553, 0.3234 by changing the saturation by 10% instead.


 50.2861, 0.3553,
0.3234

 50.2861, 0.3553,
0.3234

387.7837, 0.3341,
0.3264

 35.6408, 0.3605,
0.3226


 90.5986, 0.3476,
0.3245

 24.1569, 0.3672,
0.3215


117.0346, 0.3448,
0.3250

 15.4500, 0.3761,
0.3200


148.1696, 0.3423,
0.3253

 9.1358, 0.3884,
0.3178

184.3881, 0.3402,
0.3256

 4.8299, 0.4065,
0.3144

226.0743, 0.3384,
0.3258

 2.1478, 0.4357,
0.3082

273.6127, 0.3368,

 0.6913, 0.5139,

0.3261

327.3877, 0.3354,
0.3263

0.3028

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.2861, 0.3553,
0.3234

50.2861, 0.3553,
0.3234

41.4062, 0.3816,
0.3208

60.7799, 0.3341,
0.3259

34.0537, 0.4139,
0.3184

72.9549, 0.3170,
0.3283

28.1443, 0.4523,
0.3165

86.8829, 0.3033,
0.3306

23.5832, 0.4958,
0.3154

95.0723, 0.2958,
0.3290

■ 20.2637, 0.5413,
0.3159

■ 18.0634, 0.5835,
0.3181

■ 16.8347, 0.6159,
0.3221

■ 16.3890, 0.6309,
0.3249

Harmonies

Analogous

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



50.2861, 0.3317, 0.3024



50.2861, 0.3553, 0.3234



50.2861, 0.3671, 0.3465

Triad

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



50.2861, 0.3553, 0.3234



50.2861, 0.3199, 0.3747



50.2861, 0.2639, 0.2900

Complementary

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



50.2861, 0.3553, 0.3234



69.3334, 0.2817, 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.



50.2861, 0.2612, 0.3076



50.2861, 0.3553, 0.3234



50.2861, 0.2927, 0.3579

Square

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



50.2861, 0.3553, 0.3234



50.2861, 0.3460, 0.3775



50.2861, 0.2715, 0.3326



50.2861, 0.2791, 0.2833

Rectangle

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



50.2861, 0.3553, 0.3234



50.2861, 0.3665, 0.3606



50.2861, 0.2715, 0.3326



50.2861, 0.2616, 0.2947

Sweetspot

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



50.2884, 0.3553, 0.3234



88.1387, 0.3236, 0.3274



51.7078, 0.3111, 0.2714



18.6577, 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.



50.2884, 0.3553, 0.3234



60.2792, 0.3659, 0.3223



58.8202, 0.3546, 0.3528



14.3902, 0.3277, 0.3268



9.5649, 0.6288, 0.3238



0.7145, 0.6023, 0.3092

Inverse Universe

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



50.2884, 0.3553, 0.3234



60.2792, 0.3659, 0.3223



58.9035, 0.2769, 0.3040



14.3902, 0.3277, 0.3268



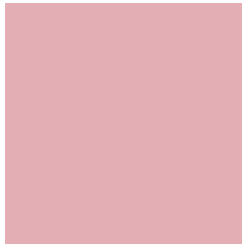
9.5649, 0.6288, 0.3238



0.7145, 0.6023, 0.3092

Previews

White Background



This preview shows how the Yxy color 50.2861, 0.3553, 0.3234 looks on a white background.

Color Contrast Check

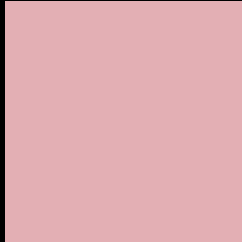
Large Text (above 18pt) WCAG AA × Fail

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 50.2861, 0.3553, 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 50.2861, 0.3553, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 50.2861, 0.3553, 0.3234.



This preview shows how white text looks on a background with the Yxy color 50.2861, 0.3553, 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

50.2861, 0.3553, 0.3234

Protanopia

50.3350, 0.3169, 0.3290

Deuteranopia

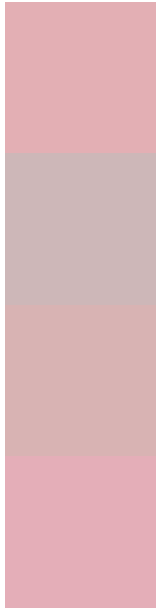
50.4122, 0.3395, 0.3327



Tritanopia

50.3539, 0.3501, 0.3143

Trichromacy



Original Color

50.2861, 0.3553, 0.3234

Protanomaly

50.3068, 0.3308, 0.3278

Deuteranomaly

50.0938, 0.3454, 0.3291

Tritanomaly

50.2268, 0.3528, 0.3177

Monochromacy



Original Color

50.2861, 0.3553, 0.3234

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.1231, 0.3272, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2861, 0.3553, 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(227, 175, 180)` looks like.

```
.text, #text, p{  
    color:rgb(227, 175, 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, 175, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 175, 180) }
```

Border

The CSS property to change the border of an element to Yxy 50.2861, 0.3553, 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(227, 175, 180) }
```

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

```
.border{ border-color:rgb(227, 175, 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, 175, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 175, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 175, 180);  
box-shadow:4px 4px 4px 4px rgb(227, 175,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2861, 0.3553, 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(227, 175, 180) }
```

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

```
.background{ background-color: rgb(227,  
175, 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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