

Converting Colors

$Y_{xy}(50.1390, 0.3544, 0.3236)$

Have a look what the booklet for
Yxy(50.1390, 0.3544, 0.3236)
contains.

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Color

Yxy(50.1240, 0.3544, 0.3233)

Conversions

Conversions Part 1

Format	Color
Hex	E2AFB4
RGB	226, 175, 180
RGB Percent	89%, 69%, 71%
CMY	0.1135, 0.3138, 0.2940
CMYK	0.00, 0.23, 0.20, 0.11
HSL	354°, 47%, 79%
HSV	354°, 23%, 89%
XYZ	54.9457, 50.1240, 49.9690
YIQ	190.8190, 28.7910, 12.3670

Conversions

Conversions Part 2

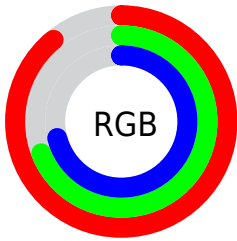
Format	Color
R _Y B	226, 175, 180
Decimal	14856116
CIE Lab	76.15, 19.34, 4.60
CIE LCh	76, 19.881, 13.386
Yxy	50.1240, 0.3544, 0.3233
Android (android.graphics.Color)	4293046196 (0xFFE2AFB4)
YUV	190.8190, -5.3338, 30.8537
Hunter-Lab	70.7983, 14.6346, 7.7123

Details

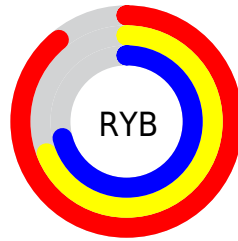
The Yxy color **50.1240, 0.3544, 0.3233** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.7541, 0.2822, 0.3349**, and the grayscale version is **52.0126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4680, 0.3260, 0.3241**, and **23.9974, 0.3667, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **41.2819, 0.3805, 0.3206**, and if you desaturate by 10%, it is **60.5656, 0.3334, 0.3259**.

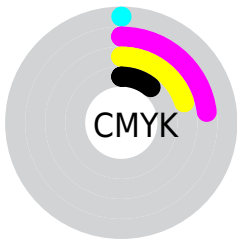
Distribution



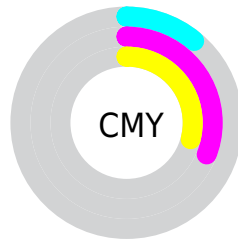
- Red (89%)
- Green (69%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1240, 0.3544, 0.3233 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 50.1240, 0.3544, 0.3233 by changing the saturation by 10% instead.


 50.1240, 0.3544,
0.3233

 50.1240, 0.3544,
0.3233

387.1507, 0.3337,
0.3264

 35.5119, 0.3595,
0.3225


 90.3586, 0.3469,
0.3245

 24.0575, 0.3661,
0.3214


116.7499, 0.3441,
0.3249

 15.3763, 0.3748,
0.3199


147.8364, 0.3417,
0.3252

 9.0839, 0.3868,
0.3177

184.0025, 0.3396,
0.3255

 4.7959, 0.4046,
0.3142

225.6325, 0.3379,
0.3258

 2.1280, 0.4333,
0.3081

273.1110, 0.3363,

 0.6803, 0.5113,

0.3260

326.8222, 0.3349,
0.3262

0.3024

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.1240, 0.3544,
0.3233

50.1240, 0.3544,
0.3233

41.2819, 0.3805,
0.3206

60.5656, 0.3334,
0.3259

33.9538, 0.4124,
0.3181

72.6730, 0.3165,
0.3284

28.0567, 0.4504,
0.3161

86.5170, 0.3030,
0.3307

23.4970, 0.4936,
0.3150

94.9171, 0.2952,
0.3289

■ 20.1698, 0.5391,
0.3153

■ 17.9545, 0.5815,
0.3176

■ 16.7063, 0.6144,
0.3216

■ 16.2362, 0.6304,
0.3247

Harmonies

Analogous

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



50.1240, 0.3311, 0.3027



50.1240, 0.3544, 0.3233



50.1240, 0.3662, 0.3461

Triad

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



50.1240, 0.3544, 0.3233



50.1240, 0.3201, 0.3740



50.1240, 0.2646, 0.2907

Complementary

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



50.1240, 0.3544, 0.3233



68.7541, 0.2822, 0.3349

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.



50.1240, 0.2621, 0.3082



50.1240, 0.3544, 0.3233



50.1240, 0.2933, 0.3576

Square

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



50.1240, 0.3544, 0.3233



50.1240, 0.3456, 0.3766



50.1240, 0.2723, 0.3328



50.1240, 0.2795, 0.2840

Rectangle

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



50.1240, 0.3544, 0.3233



50.1240, 0.3656, 0.3599



50.1240, 0.2723, 0.3328



50.1240, 0.2623, 0.2955

Sweetspot

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



50.1263, 0.3544, 0.3233



88.1420, 0.3236, 0.3273



51.5104, 0.3111, 0.2723



18.6584, 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.



50.1263, 0.3544, 0.3233



60.2887, 0.3657, 0.3221



58.4859, 0.3539, 0.3524



13.7224, 0.3277, 0.3267



9.2659, 0.6282, 0.3234



0.6498, 0.5996, 0.3077

Inverse Universe

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



50.1263, 0.3544, 0.3233



60.2887, 0.3657, 0.3221



58.5676, 0.2774, 0.3043



13.7224, 0.3277, 0.3267



9.2659, 0.6282, 0.3234



0.6498, 0.5996, 0.3077

Previews

White Background



This preview shows how the Yxy color 50.1240, 0.3544, 0.3233 looks on a white background.

Color Contrast Check

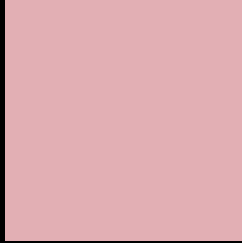
Large Text (above 18pt) WCAG AA × Fail

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 50.1240, 0.3544, 0.3233 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 50.1240, 0.3544, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 50.1240, 0.3544, 0.3233.



This preview shows how white text looks on a background with the Yxy color 50.1240, 0.3544, 0.3233.

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

50.1240, 0.3544, 0.3233

Protanopia

50.3350, 0.3169, 0.3290

Deuteranopia

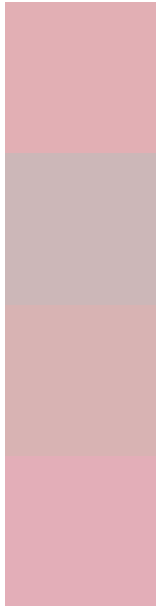
50.4122, 0.3395, 0.3327



Tritanopia

50.1909, 0.3492, 0.3142

Trichromacy



Original Color

50.1240, 0.3544, 0.3233

Protanomaly

50.1650, 0.3299, 0.3278

Deuteranomaly

50.0938, 0.3454, 0.3291

Tritanomaly

50.0637, 0.3519, 0.3176

Monochromacy



Original Color

50.1240, 0.3544, 0.3233

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 50.1240, 0.3544, 0.3233 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(226, 175, 180)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 175, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 175, 180) }
```

Border

The CSS property to change the border of an element to Yxy 50.1240, 0.3544, 0.3233 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(226, 175, 180) }
```

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

```
.border{ border-color:rgb(226, 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(226, 175, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 175, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 175, 180);  
box-shadow:4px 4px 4px 4px rgb(226, 175,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1240, 0.3544, 0.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 175, 180) }
```

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

```
.background{ background-color: rgb(226,  
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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