

Converting Colors

$Yxy(53.5999, 0.3439, 0.3226)$

Have a look what the booklet for
Yxy(53.5999, 0.3439, 0.3226)
contains.

Yxy(53.5486, 0.3440, 0.3222)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.5486, 0.3440, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	E1B7BD
RGB	225, 183, 189
RGB Percent	88%, 72%, 74%
CMY	0.1176, 0.2823, 0.2588
CMYK	0.00, 0.19, 0.16, 0.12
HSL	351°, 41%, 80%
HSV	351°, 19%, 88%
XYZ	57.1717, 53.5486, 55.4765
YIQ	196.2420, 23.1060, 10.7700

Conversions

Conversions Part 2

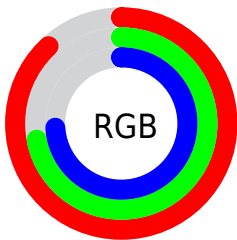
Format	Color
R _Y B	225, 183, 189
Decimal	14792637
CIE Lab	78.20, 16.04, 2.67
CIE LCh	78, 16.265, 9.449
Yxy	53.5486, 0.3440, 0.3222
Android (android.graphics.Color)	4292982717 (0xFFE1B7BD)
YUV	196.2420, -3.5703, 25.2208
Hunter-Lab	73.1769, 11.3990, 6.2752

Details

The Yxy color **53.5486, 0.3440, 0.3222** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0325, 0.2883, 0.3360**, and the grayscale version is **55.3680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5856, 0.3196, 0.3232**, and **26.1779, 0.3520, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **44.2167, 0.3667, 0.3183**, and if you desaturate by 10%, it is **64.4803, 0.3257, 0.3260**.

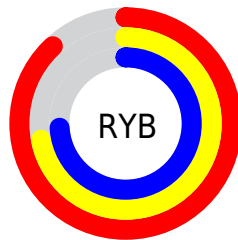
Distribution



Red (88%)

Green (72%)

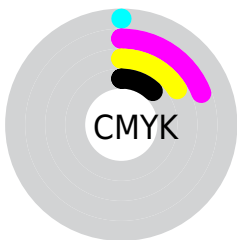
Blue (74%)



Red (88%)

Yellow (72%)

Blue (74%)

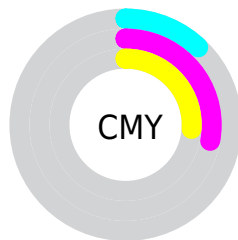


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (12%)



Cyan (12%)


Magenta (28%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5486, 0.3440, 0.3222 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 53.5486, 0.3440, 0.3222 by changing the saturation by 10% instead.


 53.5486, 0.3440,
0.3222

 53.5486, 0.3440,
0.3222

400.3863, 0.3287,
0.3256

 38.2409, 0.3477,
0.3213


 95.4111, 0.3385,
0.3235

 26.1697, 0.3525,
0.3202


122.7348, 0.3364,
0.3239

 16.9506, 0.3588,
0.3187

154.8325, 0.3346,
0.3243

 10.1993, 0.3673,
0.3166

192.0887, 0.3331,
0.3247

 5.5313, 0.3798,
0.3135

234.8878, 0.3318,
0.3250

 2.5622, 0.3995,
0.3083

283.6142, 0.3306,

 0.9077, 0.4367,

0.3252

0.2991

338.6522, 0.3296,
0.3254

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.5486, 0.3440,
0.3222

53.5486, 0.3440,
0.3222

44.2167, 0.3667,
0.3183

64.4803, 0.3257,
0.3260

36.4026, 0.3947,
0.3145

77.0743, 0.3109,
0.3295

30.0280, 0.4283,
0.3111

91.3986, 0.2990,
0.3327

25.0048, 0.4676,
0.3086

94.7477, 0.2946,
0.3289

■ 21.2350, 0.5108,
0.3078

■ 18.6076, 0.5542,
0.3095

■ 16.9917, 0.5923,
0.3137

■ 16.1931, 0.6200,
0.3199

■ 16.1133, 0.6229,
0.3205

Harmonies

Analogous

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



53.5486, 0.3247, 0.3059



53.5486, 0.3440, 0.3222



53.5486, 0.3548, 0.3407

Triad

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



53.5486, 0.3440, 0.3222



53.5486, 0.3217, 0.3656



53.5486, 0.2731, 0.2998

Complementary

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



53.5486, 0.3440, 0.3222



69.0325, 0.2883, 0.3360

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.



53.5486, 0.2724, 0.3149



53.5486, 0.3440, 0.3222



53.5486, 0.2999, 0.3539

Square

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



53.5486, 0.3440, 0.3222



53.5486, 0.3415, 0.3665



53.5486, 0.2821, 0.3349



53.5486, 0.2839, 0.2929

Rectangle

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



53.5486, 0.3440, 0.3222



53.5486, 0.3555, 0.3521



53.5486, 0.2821, 0.3349



53.5486, 0.2717, 0.3040

Sweetspot

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



53.5510, 0.3440, 0.3222



89.8080, 0.3215, 0.3269



54.3185, 0.3098, 0.2821



18.9957, 0.3225, 0.3267



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.



53.5510, 0.3440, 0.3222



66.5626, 0.3514, 0.3209



59.6791, 0.3461, 0.3458



13.7324, 0.3270, 0.3257



9.2953, 0.6202, 0.3190



0.6546, 0.5834, 0.2987

Inverse Universe

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



53.5510, 0.3440, 0.3222



66.5626, 0.3514, 0.3209



61.7464, 0.2838, 0.3116



13.7324, 0.3270, 0.3257



9.2953, 0.6202, 0.3190



0.6546, 0.5834, 0.2987

Previews

White Background



This preview shows how the Yxy color 53.5486, 0.3440, 0.3222 looks on a white background.

Color Contrast Check

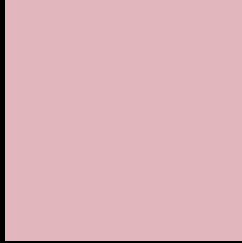
Large Text (above 18pt) WCAG AA × Fail

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 53.5486, 0.3440, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

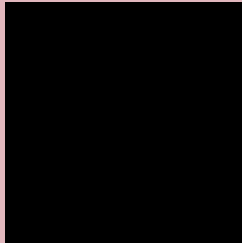
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5486, 0.3440, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 53.5486, 0.3440, 0.3222.



This preview shows how white text looks on a background with the Yxy color 53.5486, 0.3440, 0.3222.

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

53.5486, 0.3440, 0.3222

Protanopia

53.9504, 0.3144, 0.3266

Deuteranopia

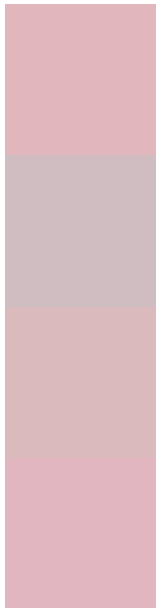
53.4676, 0.3347, 0.3279



Tritanopia

53.6102, 0.3392, 0.3132

Trichromacy



Original Color

53.5486, 0.3440, 0.3222

Protanomaly

53.5108, 0.3245, 0.3243

Deuteranomaly

53.6541, 0.3383, 0.3267

Tritanomaly

53.4749, 0.3417, 0.3166

Monochromacy



Original Color

53.5486, 0.3440, 0.3222

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.3773, 0.3243, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5486, 0.3440, 0.3222 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(225, 183, 189)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 189)  
}
```

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(225, 183, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 189) }
```

Border

The CSS property to change the border of an element to Yxy 53.5486, 0.3440, 0.3222 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(225, 183, 189) }
```

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

```
.border{ border-color:rgb(225, 183, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 183, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 189);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5486, 0.3440, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 189) }
```

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

```
.background{ background-color: rgb(225,  
183, 189) }
```

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