

Converting Colors

$Yxy(52.9005, 0.3544, 0.3337)$

Have a look what the booklet for
Yxy(52.9005, 0.3544, 0.3337)
contains.

Yxy(52.8390, 0.3545, 0.3337)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.8390, 0.3545, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	E2B6B2
RGB	226, 182, 178
RGB Percent	89%, 71%, 70%
CMY	0.1137, 0.2863, 0.3019
CMYK	0.00, 0.19, 0.21, 0.11
HSL	5°, 45%, 79%
HSV	5°, 21%, 89%
XYZ	56.1325, 52.8390, 49.3713
YIQ	194.7000, 27.5080, 8.0840

Conversions

Conversions Part 2

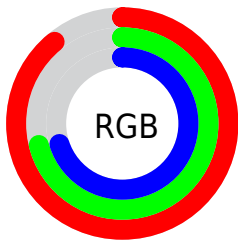
Format	Color
R _Y B	226, 182, 178
Decimal	14857906
CIE Lab	77.78, 15.27, 8.04
CIE LCh	78, 17.260, 27.758
Yxy	52.8390, 0.3545, 0.3337
Android (android.graphics.Color)	4293047986 (0xFFE2B6B2)
YUV	194.7000, -8.2331, 27.4501
Hunter-Lab	72.6904, 10.6318, 10.6136

Details

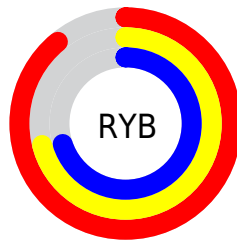
The Yxy color **52.8390, 0.3545, 0.3337** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.2219, 0.2809, 0.3243**, and the grayscale version is **54.4257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3496, 0.3266, 0.3330**, and **25.7272, 0.3665, 0.3352** is the 20% darker color. If you saturate the color by 10%, you get **44.1356, 0.3816, 0.3361**, and if you desaturate by 10%, it is **62.9535, 0.3325, 0.3314**.

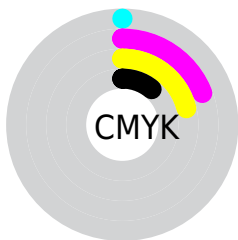
Distribution



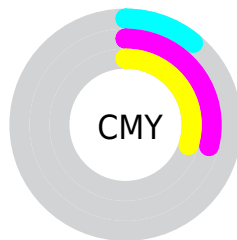
- Red (89%)
- Green (71%)
- Blue (70%)



- Red (89%)
- Yellow (71%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8390, 0.3545, 0.3337 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 52.8390, 0.3545, 0.3337 by changing the saturation by 10% instead.

 52.8390, 0.3545,
0.3337

 52.8390, 0.3545,
0.3337


397.6671, 0.3339,
0.3317

 37.6743, 0.3596,
0.3341


 94.3674, 0.3471,
0.3331

 25.7300, 0.3660,
0.3345


121.4999, 0.3443,
0.3328

 16.6217, 0.3745,
0.3350


153.3904, 0.3419,
0.3326

 9.9652, 0.3862,
0.3355

190.4233, 0.3398,
0.3324

 5.3759, 0.4032,
0.3359

232.9830, 0.3381,
0.3322

 2.4694, 0.4303,
0.3356

281.4540, 0.3365,

 0.8613, 0.5010,

0.3320

0.3474

336.2206, 0.3351,
0.3319

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.8390, 0.3545,
0.3337

52.8390, 0.3545,
0.3337

44.1356, 0.3816,
0.3361

62.9535, 0.3325,
0.3314

36.7739, 0.4145,
0.3384

74.5304, 0.3147,
0.3293

30.6891, 0.4535,
0.3404

87.6271, 0.3002,
0.3273

25.8084, 0.4975,
0.3416

94.9109, 0.2952,
0.3289

■ 22.0518, 0.5435,
0.3417

■ 19.3294, 0.5858,
0.3402

■ 17.5374, 0.6179,
0.3370

■ 16.6273, 0.6349,
0.3341

Harmonies

Analogous

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



52.8390, 0.3388, 0.3145



52.8390, 0.3545, 0.3337



52.8390, 0.3585, 0.3525

Triad

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



52.8390, 0.3545, 0.3337



52.8390, 0.3079, 0.3617



52.8390, 0.2764, 0.2923

Complementary

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



52.8390, 0.3545, 0.3337



67.2219, 0.2809, 0.3243

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.



52.8390, 0.2689, 0.3032



52.8390, 0.3545, 0.3337



52.8390, 0.2867, 0.3437

Square

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



52.8390, 0.3545, 0.3337



52.8390, 0.3310, 0.3699



52.8390, 0.2726, 0.3219



52.8390, 0.2935, 0.2911

Rectangle

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



52.8390, 0.3545, 0.3337



52.8390, 0.3540, 0.3625



52.8390, 0.2726, 0.3219



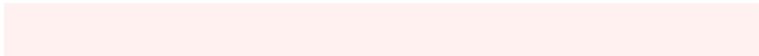
52.8390, 0.2727, 0.2949

Sweetspot

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



52.8414, 0.3545, 0.3337



90.4248, 0.3228, 0.3303



53.3385, 0.3177, 0.2797



19.1408, 0.3239, 0.3304



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.



52.8414, 0.3545, 0.3337



64.7525, 0.3645, 0.3346



63.1529, 0.3492, 0.3598



13.8820, 0.3290, 0.3310



9.5541, 0.6335, 0.3352



0.7265, 0.6164, 0.3488

Inverse Universe

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



67.2219, 0.2809, 0.3243



86.5255, 0.2754, 0.3233



55.7229, 0.2789, 0.2962



15.3679, 0.2982, 0.3270



28.7534, 0.2175, 0.3030



2.0512, 0.2187, 0.3073

Previews

White Background



This preview shows how the Yxy color 52.8390, 0.3545, 0.3337 looks on a white background.

Color Contrast Check

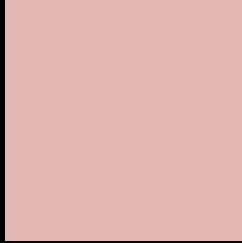
Large Text (above 18pt) WCAG AA × Fail

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 52.8390, 0.3545, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

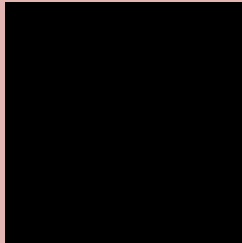
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8390, 0.3545, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 52.8390, 0.3545, 0.3337.

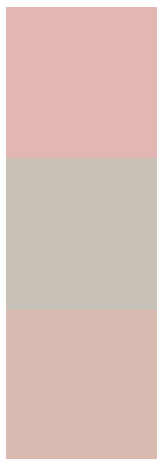


This preview shows how white text looks on a background with the Yxy color 52.8390, 0.3545, 0.3337.

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

52.8390, 0.3545, 0.3337

Protanopia

53.1239, 0.3245, 0.3401

Deuteranopia

53.0438, 0.3466, 0.3397



Tritanopia

53.0315, 0.3429, 0.3132

Trichromacy



Original Color

52.8390, 0.3545, 0.3337

Protanomaly

52.7125, 0.3351, 0.3375

Deuteranomaly

53.0879, 0.3494, 0.3385

Tritanomaly

53.0095, 0.3470, 0.3211

Monochromacy



Original Color

52.8390, 0.3545, 0.3337

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.6228, 0.3267, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8390, 0.3545, 0.3337 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, 182, 178)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 178)  
}
```

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, 182, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 178) }
```

Border

The CSS property to change the border of an element to Yxy 52.8390, 0.3545, 0.3337 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, 182, 178) }
```

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

```
.border{ border-color:rgb(226, 182, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 182, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 182, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 182, 178); box-shadow:4px 4px 4px 4px rgb(226, 182, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8390, 0.3545, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 182, 178) }
```

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

```
.background{ background-color: rgb(226,  
182, 178) }
```

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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