

Converting Colors

Yxy(54.9719, 0.3585, 0.3383)

Have a look what the booklet for
Yxy(54.9719, 0.3585, 0.3383)
contains.

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Color

Yxy(54.8612, 0.3590, 0.3382)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E7B9B1 |
| RGB | 231, 185, 177 |
| RGB Percent | 91%, 73%, 69% |
| CMY | 0.0942, 0.2745, 0.3058 |
| CMYK | 0.00, 0.20, 0.23, 0.09 |
| HSL | 9°, 53%, 80% |
| HSV | 9°, 23%, 91% |
| XYZ | 58.2353, 54.8612, 49.1188 |
| YIQ | 197.8420, 29.9840, 7.2640 |

Conversions

Conversions Part 2

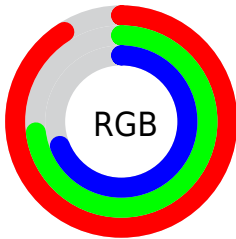
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 231, 186, 177 |
| Decimal | 15186353 |
| CIE Lab | 78.96, 15.36, 10.34 |
| CIE LCh | 79, 18.511, 33.950 |
| Yxy | 54.8612, 0.3590, 0.3382 |
| Android (android.graphics.Color) | 4293376433 (0xFFE7B9B1) |
| YUV | 197.8420, -10.2751, 29.0796 |
| Hunter-Lab | 74.0683, 10.7237, 12.5294 |

Details

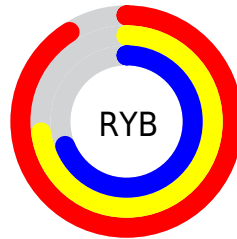
The Yxy color **54.8612, 0.3590, 0.3382** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8782, 0.2775, 0.3196**, and the grayscale version is **56.4218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0538, 0.3270, 0.3369**, and **27.0717, 0.3725, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **46.3492, 0.3863, 0.3424**, and if you desaturate by 10%, it is **64.6730, 0.3365, 0.3341**.

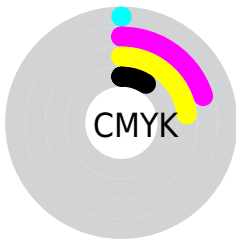
Distribution



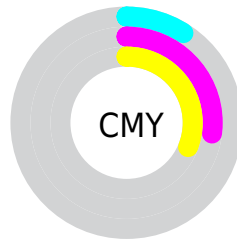
- Red (91%)
- Green (73%)
- Blue (69%)



- Red (91%)
- Yellow (73%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (23%)
- Black (9%)




- Cyan (9%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8612, 0.3590, 0.3382 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 54.8612, 0.3590, 0.3382 by changing the saturation by 10% instead.


 54.8612, 0.3590,
0.3382

 54.8612, 0.3590,
0.3382

405.3856, 0.3363,
0.3341

 39.2906, 0.3645,
0.3391


 97.3376, 0.3508,
0.3368

 26.9859, 0.3716,
0.3401


125.0121, 0.3478,
0.3363

 17.5626, 0.3808,
0.3413

157.4901, 0.3451,
0.3358

 10.6364, 0.3933,
0.3428

195.1560, 0.3429,
0.3354

 5.8229, 0.4115,
0.3444

238.3940, 0.3409,
0.3350

 2.7377, 0.4399,
0.3459

287.5887, 0.3392,

 0.9964, 0.5107,

0.3347

0.3601

343.1244, 0.3377,
0.3344

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8612, 0.3590,
0.3382

54.8612, 0.3590,
0.3382

46.3492, 0.3863,
0.3424

64.6730, 0.3365,
0.3341

39.0751, 0.4190,
0.3464

75.8280, 0.3181,
0.3302

32.9831, 0.4571,
0.3498

88.3772, 0.3031,
0.3267

28.0105, 0.4995,
0.3519

95.7255, 0.2981,
0.3290

■ 24.0883, 0.5432,
0.3519

■ 21.1402, 0.5833,
0.3492

■ 19.0787, 0.6138,
0.3438

■ 18.1443, 0.6278,
0.3397

Harmonies

Analogous

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



54.8612, 0.3446, 0.3176



54.8612, 0.3590, 0.3382



54.8612, 0.3604, 0.3574

Triad

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



54.8612, 0.3590, 0.3382



54.8612, 0.3026, 0.3605



54.8612, 0.2773, 0.2890

Complementary

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



54.8612, 0.3590, 0.3382



67.8782, 0.2775, 0.3196

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.



54.8612, 0.2671, 0.2985



54.8612, 0.3590, 0.3382



54.8612, 0.2813, 0.3399

Square

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



54.8612, 0.3590, 0.3382



54.8612, 0.3272, 0.3717



54.8612, 0.2685, 0.3169



54.8612, 0.2970, 0.2899

Rectangle

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



54.8612, 0.3590, 0.3382



54.8612, 0.3537, 0.3669



54.8612, 0.2685, 0.3169



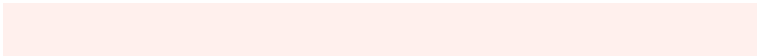
54.8612, 0.2727, 0.2910

Sweetspot

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



54.8637, 0.3590, 0.3382



89.5842, 0.3245, 0.3316



53.8033, 0.3211, 0.2782



18.9911, 0.3255, 0.3319



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.



54.8637, 0.3590, 0.3382



63.3721, 0.3714, 0.3402



66.8431, 0.3525, 0.3669



14.7112, 0.3289, 0.3326



10.2842, 0.6258, 0.3413



0.8680, 0.6014, 0.3607

Inverse Universe

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



67.8782, 0.2775, 0.3196



82.3095, 0.2707, 0.3174



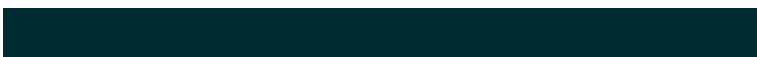
54.9573, 0.2749, 0.2879



15.9529, 0.2981, 0.3254



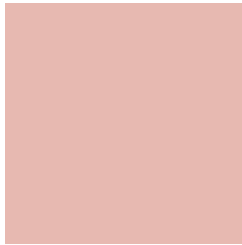
25.6992, 0.2115, 0.2813



1.9986, 0.2136, 0.2890

Previews

White Background



This preview shows how the Yxy color 54.8612, 0.3590, 0.3382 looks on a white background.

Color Contrast Check

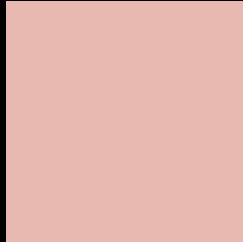
Large Text (above 18pt) WCAG AA × Fail

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 54.8612, 0.3590, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

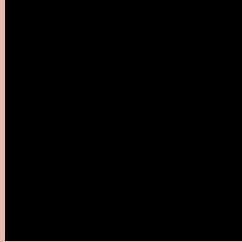
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8612, 0.3590, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 54.8612, 0.3590, 0.3382.



This preview shows how white text looks on a background with the Yxy color 54.8612, 0.3590, 0.3382.

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

54.8612, 0.3590, 0.3382

Protanopia

54.9642, 0.3282, 0.3448

Deuteranopia

55.0594, 0.3511, 0.3442



Tritanopia

54.7651, 0.3452, 0.3135

Trichromacy



Original Color

54.8612, 0.3590, 0.3382

Protanomaly

54.7030, 0.3397, 0.3421

Deuteranomaly

55.1086, 0.3539, 0.3429

Tritanomaly

54.6969, 0.3501, 0.3224

Monochromacy



Original Color

54.8612, 0.3590, 0.3382

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.5593, 0.3289, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8612, 0.3590, 0.3382 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(231, 185, 177)` looks like.

```
.text, #text, p{  
    color:rgb(231, 185, 177)  
}
```

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(231, 185, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 185, 177) }
```

Border

The CSS property to change the border of an element to Yxy 54.8612, 0.3590, 0.3382 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(231, 185, 177) }
```

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

```
.border{ border-color:rgb(231, 185, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 185, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 185, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 185, 177);  
box-shadow:4px 4px 4px 4px rgb(231, 185,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8612, 0.3590, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 185, 177) }
```

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

```
.background{ background-color: rgb(231,  
185, 177) }
```

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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