

Converting Colors

Yxy(54.0504, 0.3613, 0.3304)

Have a look what the booklet for
Yxy(54.0504, 0.3613, 0.3304)
contains.

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Color

Yxy(54.0052, 0.3609, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	EBB5B4
RGB	235, 181, 180
RGB Percent	92%, 71%, 71%
CMY	0.0787, 0.2901, 0.2941
CMYK	0.00, 0.23, 0.23, 0.08
HSL	1°, 58%, 81%
HSV	1°, 23%, 92%
XYZ	59.0084, 54.0052, 50.4899
YIQ	197.0320, 32.5050, 11.1370

Conversions

Conversions Part 2

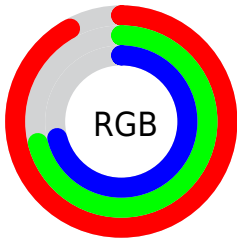
Format	Color
R _Y B	235, 181, 180
Decimal	15447476
CIE Lab	78.46, 19.37, 8.07
CIE LCh	78, 20.980, 22.616
Yxy	54.0052, 0.3609, 0.3303
Android (android.graphics.Color)	4293637556 (0xFFEBB5B4)
YUV	197.0320, -8.3968, 33.2979
Hunter-Lab	73.4882, 14.7247, 10.7067

Details

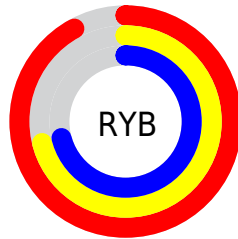
The Yxy color **54.0052, 0.3609, 0.3303** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4898, 0.2781, 0.3277**, and the grayscale version is **55.8914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8845, 0.3254, 0.3300**, and **26.4356, 0.3741, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **44.5165, 0.3903, 0.3309**, and if you desaturate by 10%, it is **65.2121, 0.3372, 0.3297**.

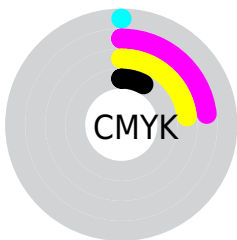
Distribution



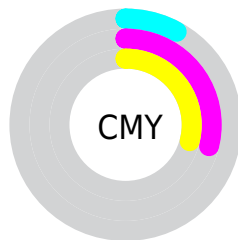
- Red (92%)
- Green (71%)
- Blue (71%)



- Red (92%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (23%)
- Yellow (23%)
- Black (8%)



- Cyan (8%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0052, 0.3609, 0.3303 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 54.0052, 0.3609, 0.3303 by changing the saturation by 10% instead.


 54.0052, 0.3609,
0.3303

 54.0052, 0.3609,
0.3303


402.1298, 0.3372,
0.3301

 38.6058, 0.3667,
0.3302


 96.0819, 0.3524,
0.3303

 26.4532, 0.3740,
0.3301


123.5280, 0.3492,
0.3303

 17.1630, 0.3837,
0.3298


155.7584, 0.3464,
0.3302

 10.3508, 0.3969,
0.3292

193.1576, 0.3441,
0.3302

 5.6321, 0.4161,
0.3280

236.1100, 0.3420,
0.3302

 2.6227, 0.4463,
0.3251

284.9999, 0.3402,

 0.9381, 0.5147,

0.3301

340.2117, 0.3386,
0.3301

0.3265

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0052, 0.3609,
0.3303

54.0052, 0.3609,
0.3303

44.5165, 0.3903,
0.3309

65.2121, 0.3372,
0.3297

36.6541, 0.4263,
0.3315

78.2083, 0.3182,
0.3292

30.3290, 0.4686,
0.3320

93.0699, 0.3031,
0.3287

25.4406, 0.5157,
0.3323

96.3925, 0.3005,
0.3290

■ 21.8763, 0.5629,
0.3323

■ 19.5070, 0.6032,
0.3318

■ 18.1774, 0.6297,
0.3310

■ 17.7488, 0.6391,
0.3308

Harmonies

Analogous

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



54.0052, 0.3399, 0.3079



54.0052, 0.3609, 0.3303



54.0052, 0.3684, 0.3534

Triad

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



54.0052, 0.3609, 0.3303



54.0052, 0.3115, 0.3716



54.0052, 0.2667, 0.2863

Complementary

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



54.0052, 0.3609, 0.3303



74.4898, 0.2781, 0.3277

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.



54.0052, 0.2600, 0.3010



54.0052, 0.3609, 0.3303



54.0052, 0.2852, 0.3512

Square

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



54.0052, 0.3609, 0.3303



54.0052, 0.3391, 0.3788



54.0052, 0.2666, 0.3247



54.0052, 0.2853, 0.2830

Rectangle

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



54.0052, 0.3609, 0.3303



54.0052, 0.3645, 0.3663



54.0052, 0.2666, 0.3247



54.0052, 0.2630, 0.2899

Sweetspot

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



54.0077, 0.3609, 0.3303



88.2339, 0.3247, 0.3294



56.2346, 0.3161, 0.2718



18.6796, 0.3258, 0.3294



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.



54.0077, 0.3609, 0.3303



59.3798, 0.3741, 0.3306



66.2469, 0.3541, 0.3602



15.0995, 0.3293, 0.3295



9.9040, 0.6387, 0.3311



0.7938, 0.6348, 0.3341

Inverse Universe

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



74.4898, 0.2781, 0.3277



88.0244, 0.2717, 0.3274



60.1066, 0.2755, 0.2956



17.0702, 0.2981, 0.3285



35.0335, 0.2231, 0.3230



2.7666, 0.2233, 0.3239

Previews

White Background



This preview shows how the Yxy color 54.0052, 0.3609, 0.3303 looks on a white background.

Color Contrast Check

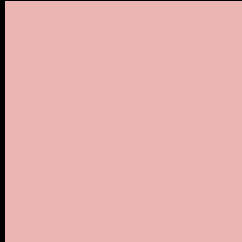
Large Text (above 18pt) WCAG AA × Fail

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 54.0052, 0.3609, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

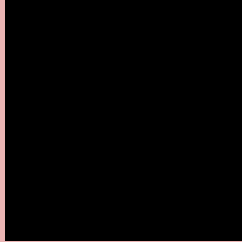
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0052, 0.3609, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 54.0052, 0.3609, 0.3303.



This preview shows how white text looks on a background with the Yxy color 54.0052, 0.3609, 0.3303.

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

54.0052, 0.3609, 0.3303

Protanopia

54.4508, 0.3229, 0.3376

Deuteranopia

54.2812, 0.3462, 0.3396



Tritanopia

53.9233, 0.3509, 0.3136

Trichromacy



Original Color

54.0052, 0.3609, 0.3303

Protanomaly

54.0020, 0.3368, 0.3350

Deuteranomaly

53.9601, 0.3521, 0.3360

Tritanomaly

54.1062, 0.3551, 0.3202

Monochromacy



Original Color

54.0052, 0.3609, 0.3303

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.8721, 0.3292, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0052, 0.3609, 0.3303 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(235, 181, 180)` looks like.

```
.text, #text, p{  
    color:rgb(235, 181, 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(235, 181, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 181, 180) }
```

Border

The CSS property to change the border of an element to Yxy 54.0052, 0.3609, 0.3303 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(235, 181, 180) }
```

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

```
.border{ border-color:rgb(235, 181, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 181, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 181, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 181, 180);  
box-shadow:4px 4px 4px 4px rgb(235, 181,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0052, 0.3609, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 181, 180) }
```

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

```
.background{ background-color: rgb(235,  
181, 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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