

Converting Colors

Yxy(53.1717, 0.3557, 0.3233)

Have a look what the booklet for
Yxy(53.1717, 0.3557, 0.3233)
contains.

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Color

Yxy(53.0245, 0.3562, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	E9B3B8
RGB	233, 179, 184
RGB Percent	91%, 70%, 72%
CMY	0.0861, 0.2981, 0.2785
CMYK	0.00, 0.23, 0.21, 0.09
HSL	354°, 55%, 81%
HSV	354°, 23%, 91%
XYZ	58.3843, 53.0245, 52.5000
YIQ	195.7160, 30.5790, 13.0030

Conversions

Conversions Part 2

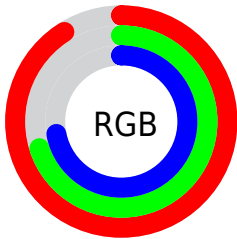
Format	Color
R _Y B	233, 179, 184
Decimal	15315896
CIE Lab	77.89, 20.34, 5.05
CIE LCh	78, 20.954, 13.941
Yxy	53.0245, 0.3562, 0.3235
Android (android.graphics.Color)	4293505976 (0xFFE9B3B8)
YUV	195.7160, -5.7760, 32.6981
Hunter-Lab	72.8179, 15.6873, 8.2259

Details

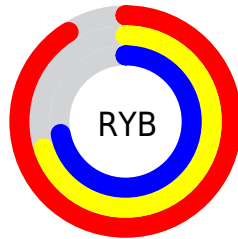
The Yxy color **53.0245, 0.3562, 0.3235** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4852, 0.2812, 0.3347**, and the grayscale version is **55.0468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9679, 0.3231, 0.3241**, and **25.7905, 0.3676, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **43.6409, 0.3829, 0.3210**, and if you desaturate by 10%, it is **64.1240, 0.3347, 0.3260**.

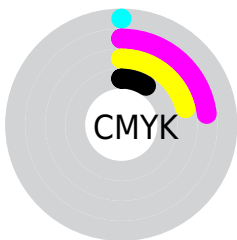
Distribution



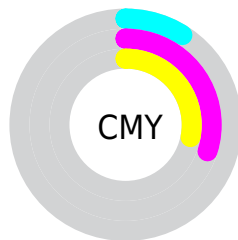
- Red (91%)
- Green (70%)
- Blue (72%)



- Red (91%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (9%)





- Cyan (9%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0245, 0.3562, 0.3235 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 53.0245, 0.3562, 0.3235 by changing the saturation by 10% instead.


 53.0245, 0.3562,
0.3235

 53.0245, 0.3562,
0.3235


398.3791, 0.3348,
0.3265

 37.8223, 0.3614,
0.3227


 94.6404, 0.3485,
0.3246

 25.8448, 0.3681,
0.3217


121.8230, 0.3456,
0.3250

 16.7076, 0.3769,
0.3202


153.7677, 0.3431,
0.3254

 10.0262, 0.3889,
0.3181

190.8592, 0.3410,
0.3257

 5.4164, 0.4065,
0.3148

233.4816, 0.3391,
0.3259

 2.4936, 0.4343,
0.3091

282.0195, 0.3375,

 0.8734, 0.4921,

0.3261

336.8572, 0.3361,
0.3263

0.3015

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0245, 0.3562,
0.3235

53.0245, 0.3562,
0.3235

43.6409, 0.3829,
0.3210

64.1240, 0.3347,
0.3260

35.8806, 0.4155,
0.3187

77.0114, 0.3175,
0.3283

29.6537, 0.4543,
0.3168

91.7632, 0.3036,
0.3304

24.8584, 0.4981,
0.3159

96.0700, 0.2994,
0.3290

■ 21.3805, 0.5438,
0.3164

■ 19.0886, 0.5858,
0.3187

■ 17.8237, 0.6175,
0.3226

■ 17.3862, 0.6315,
0.3252

Harmonies

Analogous

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



53.0245, 0.3322, 0.3022



53.0245, 0.3562, 0.3235



53.0245, 0.3681, 0.3470

Triad

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



53.0245, 0.3562, 0.3235



53.0245, 0.3197, 0.3754



53.0245, 0.2632, 0.2892

Complementary

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



53.0245, 0.3562, 0.3235



73.4852, 0.2812, 0.3347

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.



53.0245, 0.2603, 0.3070



53.0245, 0.3562, 0.3235



53.0245, 0.2921, 0.3582

Square

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



53.0245, 0.3562, 0.3235



53.0245, 0.3463, 0.3783



53.0245, 0.2707, 0.3324



53.0245, 0.2787, 0.2825

Rectangle

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



53.0245, 0.3562, 0.3235



53.0245, 0.3673, 0.3612



53.0245, 0.2707, 0.3324



53.0245, 0.2608, 0.2940

Sweetspot

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



53.0269, 0.3562, 0.3235



88.1356, 0.3236, 0.3274



54.5560, 0.3110, 0.2706



18.6569, 0.3247, 0.3273



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.



53.0269, 0.3562, 0.3235



59.1018, 0.3687, 0.3223



62.1758, 0.3552, 0.3531



15.0767, 0.3278, 0.3269



9.8695, 0.6294, 0.3241



0.7827, 0.6049, 0.3106

Inverse Universe

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



53.0269, 0.3562, 0.3235



59.1018, 0.3687, 0.3223



62.2650, 0.2764, 0.3036



15.0767, 0.3278, 0.3269



9.8695, 0.6294, 0.3241



0.7827, 0.6049, 0.3106

Previews

White Background



This preview shows how the Yxy color 53.0245, 0.3562, 0.3235 looks on a white background.

Color Contrast Check

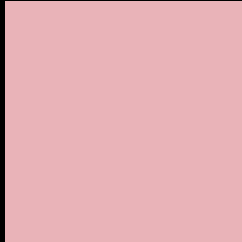
Large Text (above 18pt) WCAG AA × Fail

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 53.0245, 0.3562, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

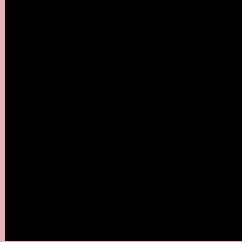
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0245, 0.3562, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 53.0245, 0.3562, 0.3235.



This preview shows how white text looks on a background with the Yxy color 53.0245, 0.3562, 0.3235.

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

53.0245, 0.3562, 0.3235

Protanopia

53.3312, 0.3175, 0.3302

Deuteranopia

52.9838, 0.3398, 0.3326



Tritanopia

53.1390, 0.3502, 0.3135

Trichromacy



Original Color

53.0245, 0.3562, 0.3235

Protanomaly

52.8731, 0.3313, 0.3279

Deuteranomaly

52.8155, 0.3465, 0.3291

Tritanomaly

53.0073, 0.3529, 0.3168

Monochromacy



Original Color

53.0245, 0.3562, 0.3235

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1880, 0.3269, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0245, 0.3562, 0.3235 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(233, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(233, 179, 184)  
}
```

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(233, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 179, 184) }
```

Border

The CSS property to change the border of an element to Yxy 53.0245, 0.3562, 0.3235 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(233, 179, 184) }
```

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

```
.border{ border-color:rgb(233, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(233, 179,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0245, 0.3562, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 179, 184) }
```

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

```
.background{ background-color: rgb(233,  
179, 184) }
```

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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