

Converting Colors

Yxy(54.9839, 0.3522, 0.3243)

Have a look what the booklet for
Yxy(54.9839, 0.3522, 0.3243)
contains.

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Color

Yxy(54.8215, 0.3518, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	E9B7BC
RGB	233, 183, 188
RGB Percent	91%, 72%, 74%
CMY	0.0863, 0.2823, 0.2627
CMYK	0.00, 0.21, 0.19, 0.09
HSL	354°, 53%, 82%
HSV	354°, 21%, 91%
XYZ	59.6173, 54.8215, 55.0249
YIQ	198.5200, 28.1950, 12.1550

Conversions

Conversions Part 2

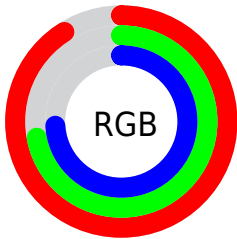
Format	Color
R _Y B	233, 183, 188
Decimal	15316924
CIE Lab	78.94, 18.79, 4.38
CIE LCh	79, 19.291, 13.128
Yxy	54.8215, 0.3518, 0.3235
Android (android.graphics.Color)	4293507004 (0xFFE9B7BC)
YUV	198.5200, -5.1864, 30.2390
Hunter-Lab	74.0415, 14.1533, 7.7670

Details

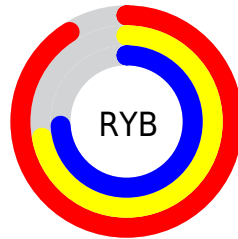
The Yxy color **54.8215, 0.3518, 0.3235** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9494, 0.2836, 0.3346**, and the grayscale version is **56.8264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5247, 0.3202, 0.3242**, and **27.0616, 0.3626, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **45.1548, 0.3773, 0.3208**, and if you desaturate by 10%, it is **66.2156, 0.3313, 0.3262**.

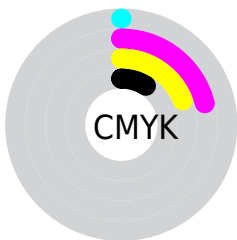
Distribution



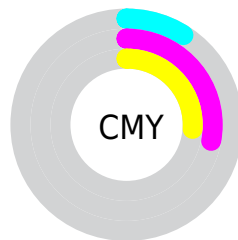
- Red (91%)
- Green (72%)
- Blue (74%)



- Red (91%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (9%)





- Cyan (9%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8215, 0.3518, 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 54.8215, 0.3518, 0.3235 by changing the saturation by 10% instead.


 54.8215, 0.3518,
0.3235

 54.8215, 0.3518,
0.3235


405.2349, 0.3327,
0.3264

 39.2588, 0.3564,
0.3227


 97.2794, 0.3449,
0.3246

 26.9611, 0.3623,
0.3218


124.9434, 0.3423,
0.3250

 17.5440, 0.3701,
0.3204


157.4099, 0.3401,
0.3253

 10.6231, 0.3806,
0.3185

195.0634, 0.3382,
0.3256

 5.8140, 0.3959,
0.3155

238.2883, 0.3366,
0.3258

 2.7323, 0.4199,
0.3105

287.4689, 0.3351,

 0.9936, 0.4646,

0.3260

0.3015

342.9897, 0.3338,
0.3262

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8215, 0.3518,
0.3235

54.8215, 0.3518,
0.3235

45.1548, 0.3773,
0.3208

66.2156, 0.3313,
0.3262

37.1242, 0.4085,
0.3182

79.4077, 0.3148,
0.3287

30.6411, 0.4459,
0.3160

94.4737, 0.3016,
0.3310

25.6059, 0.4887,
0.3148

96.0645, 0.2993,
0.3290

■ 21.9072, 0.5342,
0.3150

■ 19.4172, 0.5772,
0.3170

■ 17.9832, 0.6114,
0.3210

■ 17.3879, 0.6304,
0.3247

Harmonies

Analogous

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



54.8215, 0.3298, 0.3040



54.8215, 0.3518, 0.3235



54.8215, 0.3630, 0.3450

Triad

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



54.8215, 0.3518, 0.3235



54.8215, 0.3199, 0.3714



54.8215, 0.2673, 0.2931

Complementary

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



54.8215, 0.3518, 0.3235



73.9494, 0.2836, 0.3346

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.



54.8215, 0.2650, 0.3096



54.8215, 0.3518, 0.3235



54.8215, 0.2947, 0.3561

Square

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



54.8215, 0.3518, 0.3235



54.8215, 0.3440, 0.3738



54.8215, 0.2748, 0.3329



54.8215, 0.2812, 0.2866

Rectangle

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



54.8215, 0.3518, 0.3235



54.8215, 0.3626, 0.3581



54.8215, 0.2748, 0.3329



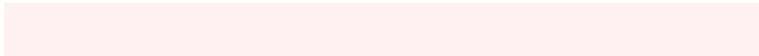
54.8215, 0.2651, 0.2976

Sweetspot

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



54.8240, 0.3518, 0.3235



89.7686, 0.3219, 0.3275



56.1102, 0.3106, 0.2750



18.9865, 0.3230, 0.3274



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.



54.8240, 0.3518, 0.3235



61.4822, 0.3630, 0.3222



63.0645, 0.3517, 0.3503



15.0786, 0.3277, 0.3267



9.8740, 0.6283, 0.3235



0.7836, 0.6022, 0.3091

Inverse Universe

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



54.8240, 0.3518, 0.3235



61.4822, 0.3630, 0.3222



63.9620, 0.2792, 0.3067



15.0786, 0.3277, 0.3267



9.8740, 0.6283, 0.3235



0.7836, 0.6022, 0.3091

Previews

White Background



This preview shows how the Yxy color 54.8215, 0.3518, 0.3235 looks on a white background.

Color Contrast Check

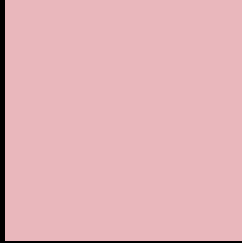
Large Text (above 18pt) WCAG AA × Fail

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 54.8215, 0.3518, 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 54.8215, 0.3518, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 54.8215, 0.3518, 0.3235.



This preview shows how white text looks on a background with the Yxy color 54.8215, 0.3518, 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

54.8215, 0.3518, 0.3235

Protanopia

55.1125, 0.3159, 0.3290

Deuteranopia

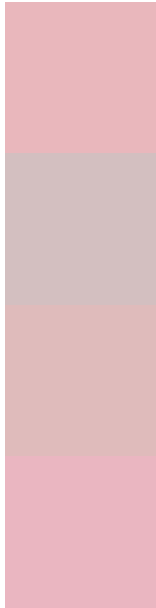
54.8885, 0.3386, 0.3314



Tritanopia

54.9338, 0.3460, 0.3136

Trichromacy



Original Color

54.8215, 0.3518, 0.3235

Protanomaly

54.9163, 0.3284, 0.3279

Deuteranomaly

54.8165, 0.3432, 0.3291

Tritanomaly

54.7986, 0.3486, 0.3169

Monochromacy



Original Color

54.8215, 0.3518, 0.3235

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.9289, 0.3258, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8215, 0.3518, 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, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(233, 183, 188)  
}
```

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, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 183, 188) }
```

Border

The CSS property to change the border of an element to Yxy 54.8215, 0.3518, 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, 183, 188) }
```

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

```
.border{ border-color:rgb(233, 183, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 183, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(233, 183,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8215, 0.3518, 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, 183, 188) }
```

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

```
.background{ background-color: rgb(233,  
183, 188) }
```

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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