

Converting Colors

$Y_{xy}(55.1215, 0.3514, 0.3237)$

Have a look what the booklet for
Yxy(55.1215, 0.3514, 0.3237)
contains.

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Color

Yxy(55.2355, 0.3516, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	E9B8BC
RGB	233, 184, 188
RGB Percent	91%, 72%, 74%
CMY	0.0862, 0.2785, 0.2626
CMYK	0.00, 0.21, 0.19, 0.09
HSL	355°, 53%, 82%
HSV	355°, 21%, 91%
XYZ	59.8300, 55.2355, 55.0994
YIQ	199.1070, 27.9200, 11.6320

Conversions

Conversions Part 2

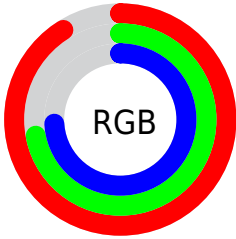
Format	Color
R _Y B	233, 184, 188
Decimal	15317180
CIE Lab	79.18, 18.27, 4.72
CIE LCh	79, 18.868, 14.490
Yxy	55.2355, 0.3516, 0.3246
Android (android.graphics.Color)	4293507260 (0xFFE9B8BC)
YUV	199.1070, -5.4758, 29.7242
Hunter-Lab	74.3206, 13.6360, 8.0683

Details

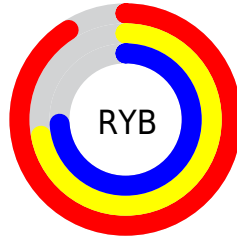
The Yxy color **55.2355, 0.3516, 0.3246** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1381, 0.2836, 0.3335**, and the grayscale version is **57.2068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1118, 0.3202, 0.3251**, and **27.3290, 0.3622, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **45.4864, 0.3774, 0.3224**, and if you desaturate by 10%, it is **66.7208, 0.3309, 0.3268**.

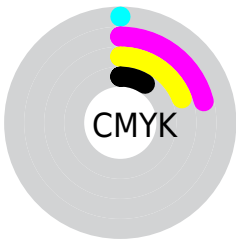
Distribution



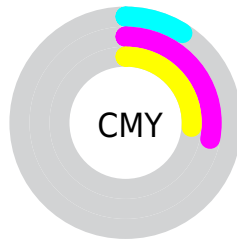
- Red (91%)
- Green (72%)
- Blue (74%)



- 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 55.2355, 0.3516, 0.3246 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 55.2355, 0.3516, 0.3246 by changing the saturation by 10% instead.


 55.2355, 0.3516,
0.3246

 55.2355, 0.3516,
0.3246

406.8040, 0.3326,
0.3270

 39.5903, 0.3562,
0.3240


 97.8859, 0.3448,
0.3255

 27.2193, 0.3621,
0.3231


125.6599, 0.3422,
0.3258

 17.7380, 0.3697,
0.3220


158.2457, 0.3400,
0.3261

 10.7620, 0.3802,
0.3204

196.0275, 0.3381,
0.3263

 5.9070, 0.3953,
0.3178

239.3899, 0.3365,
0.3265

 2.7886, 0.4190,
0.3134

288.7171, 0.3350,

 1.0224, 0.4629,

0.3267

0.3054

344.3937, 0.3337,
0.3268

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2355, 0.3516,
0.3246

55.2355, 0.3516,
0.3246

45.4864, 0.3774,
0.3224

66.7208, 0.3309,
0.3268

37.3820, 0.4091,
0.3203

80.0132, 0.3142,
0.3288

30.8338, 0.4470,
0.3185

95.1884, 0.3009,
0.3307

25.7420, 0.4904,
0.3175

96.0678, 0.2994,
0.3290

■ 21.9951, 0.5365,
0.3177

■ 19.4657, 0.5799,
0.3195

■ 18.0017, 0.6139,
0.3228

■ 17.3754, 0.6328,
0.3260

Harmonies

Analogous

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



55.2355, 0.3305, 0.3054



55.2355, 0.3516, 0.3246



55.2355, 0.3619, 0.3456

Triad

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



55.2355, 0.3516, 0.3246



55.2355, 0.3186, 0.3699



55.2355, 0.2687, 0.2934

Complementary

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



55.2355, 0.3516, 0.3246



74.1381, 0.2836, 0.3335

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.



55.2355, 0.2659, 0.3092



55.2355, 0.3516, 0.3246



55.2355, 0.2941, 0.3545

Square

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



55.2355, 0.3516, 0.3246



55.2355, 0.3423, 0.3728



55.2355, 0.2750, 0.3317



55.2355, 0.2828, 0.2875

Rectangle

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



55.2355, 0.3516, 0.3246



55.2355, 0.3611, 0.3582



55.2355, 0.2750, 0.3317



55.2355, 0.2665, 0.2977

Sweetspot

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



55.2380, 0.3516, 0.3246



89.7521, 0.3221, 0.3278



56.8108, 0.3119, 0.2763



18.9826, 0.3232, 0.3277



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.



55.2380, 0.3516, 0.3246



62.6388, 0.3615, 0.3237



64.1754, 0.3505, 0.3517



15.0742, 0.3280, 0.3271



9.8640, 0.6309, 0.3249



0.7815, 0.6085, 0.3126

Inverse Universe

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



55.2380, 0.3516, 0.3246



62.6388, 0.3615, 0.3237



63.4592, 0.2798, 0.3052



15.0742, 0.3280, 0.3271



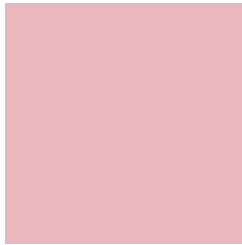
9.8640, 0.6309, 0.3249



0.7815, 0.6085, 0.3126

Previews

White Background



This preview shows how the Yxy color 55.2355, 0.3516, 0.3246 looks on a white background.

Color Contrast Check

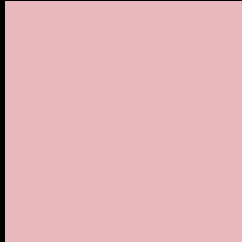
Large Text (above 18pt) WCAG AA × Fail

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 55.2355, 0.3516, 0.3246 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 55.2355, 0.3516, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 55.2355, 0.3516, 0.3246.



This preview shows how white text looks on a background with the Yxy color 55.2355, 0.3516, 0.3246.

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

55.2355, 0.3516, 0.3246

Protanopia

55.2046, 0.3175, 0.3302

Deuteranopia

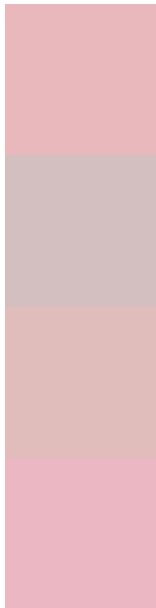
55.4748, 0.3393, 0.3326



Tritanopia

55.3906, 0.3450, 0.3136

Trichromacy



Original Color

55.2355, 0.3516, 0.3246

Protanomaly

55.0644, 0.3293, 0.3279

Deuteranomaly

55.4016, 0.3439, 0.3302

Tritanomaly

55.2544, 0.3476, 0.3169

Monochromacy



Original Color

55.2355, 0.3516, 0.3246

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3726, 0.3257, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2355, 0.3516, 0.3246 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, 184, 188)` looks like.

```
.text, #text, p{  
    color:rgb(233, 184, 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, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 184, 188) }
```

Border

The CSS property to change the border of an element to Yxy 55.2355, 0.3516, 0.3246 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, 184, 188) }
```

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

```
.border{ border-color:rgb(233, 184, 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, 184, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(233, 184,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2355, 0.3516, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 184, 188) }
```

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

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