

Converting Colors

$Y_{xy}(55.8900, 0.3581, 0.3383)$

Have a look what the booklet for
Yxy(55.8900, 0.3581, 0.3383)
contains.

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Color

Yxy(55.9511, 0.3577, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	E8BBB3
RGB	232, 187, 179
RGB Percent	91%, 73%, 70%
CMY	0.0901, 0.2667, 0.2979
CMYK	0.00, 0.19, 0.23, 0.09
HSL	9°, 54%, 81%
HSV	9°, 23%, 91%
XYZ	59.1946, 55.9511, 50.3411
YIQ	199.5430, 29.3880, 7.0520

Conversions

Conversions Part 2

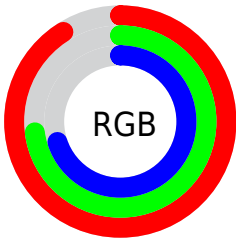
Format	Color
R _Y B	232, 188, 179
Decimal	15252403
CIE Lab	79.59, 14.98, 10.15
CIE LCh	80, 18.098, 34.125
Yxy	55.9511, 0.3577, 0.3381
Android (android.graphics.Color)	4293442483 (0xFFE8BBB3)
YUV	199.5430, -10.1277, 28.4648
Hunter-Lab	74.8005, 10.3582, 12.4579

Details

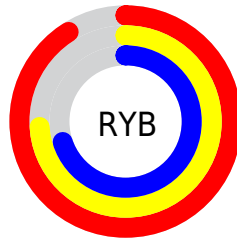
The Yxy color **55.9511, 0.3577, 0.3381** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7604, 0.2782, 0.3197**, and the grayscale version is **57.5167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3593, 0.3255, 0.3368**, and **27.7867, 0.3705, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **47.2937, 0.3847, 0.3424**, and if you desaturate by 10%, it is **65.9201, 0.3355, 0.3340**.

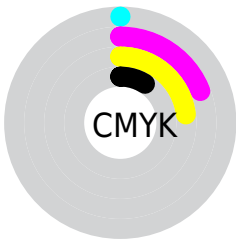
Distribution



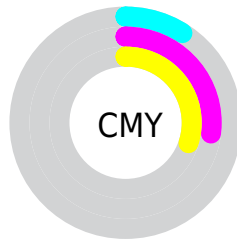
- Red (91%)
- Green (73%)
- Blue (70%)



- Red (91%)
- Yellow (74%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9511, 0.3577, 0.3381 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 55.9511, 0.3577, 0.3381 by changing the saturation by 10% instead.

 55.9511, 0.3577,
0.3381

 55.9511, 0.3577,
0.3381

409.5072, 0.3357,
0.3341

 40.1637, 0.3630,
0.3390

 98.9331, 0.3498,
0.3367

 27.6662, 0.3698,
0.3400


126.8965, 0.3468,
0.3362

 18.0742, 0.3786,
0.3412


159.6873, 0.3443,
0.3357

 11.0033, 0.3907,
0.3427

197.6900, 0.3421,
0.3353

 6.0690, 0.4080,
0.3444

241.2889, 0.3402,
0.3350

 2.8871, 0.4350,
0.3460

290.8685, 0.3385,

 1.0731, 0.4960,

0.3346

346.8131, 0.3370,
0.3343

0.3561

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9511, 0.3577,
0.3381

55.9511, 0.3577,
0.3381

47.2937, 0.3847,
0.3424

65.9201, 0.3355,
0.3340

39.8857, 0.4171,
0.3465

77.2441, 0.3173,
0.3301

33.6715, 0.4549,
0.3499

89.9742, 0.3024,
0.3265

28.5882, 0.4971,
0.3522

95.9007, 0.2988,
0.3290

■ 24.5670, 0.5408,
0.3523

■ 21.5315, 0.5811,
0.3497

■ 19.3949, 0.6123,
0.3444

■ 18.3550, 0.6275,
0.3399

Harmonies

Analogous

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



55.9511, 0.3438, 0.3180



55.9511, 0.3577, 0.3381



55.9511, 0.3590, 0.3567

Triad

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



55.9511, 0.3577, 0.3381



55.9511, 0.3027, 0.3595



55.9511, 0.2784, 0.2901

Complementary

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



55.9511, 0.3577, 0.3381



68.7604, 0.2782, 0.3197

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.



55.9511, 0.2684, 0.2993



55.9511, 0.3577, 0.3381



55.9511, 0.2821, 0.3395

Square

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



55.9511, 0.3577, 0.3381



55.9511, 0.3266, 0.3704



55.9511, 0.2697, 0.3171



55.9511, 0.2976, 0.2910

Rectangle

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



55.9511, 0.3577, 0.3381



55.9511, 0.3525, 0.3659



55.9511, 0.2697, 0.3171



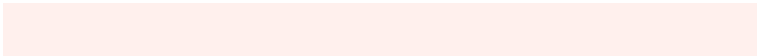
55.9511, 0.2739, 0.2921

Sweetspot

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



55.9537, 0.3577, 0.3381



89.6048, 0.3245, 0.3317



54.7977, 0.3216, 0.2803



18.9958, 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.



55.9537, 0.3577, 0.3381



64.5159, 0.3687, 0.3399



68.2459, 0.3513, 0.3670



14.7158, 0.3289, 0.3326



10.3001, 0.6255, 0.3415



0.8702, 0.6009, 0.3610

Inverse Universe

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



68.7604, 0.2782, 0.3197



82.7731, 0.2721, 0.3177



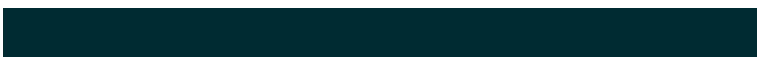
55.6101, 0.2757, 0.2879



15.9479, 0.2981, 0.3254



25.5857, 0.2113, 0.2807



1.9913, 0.2135, 0.2884

Previews

White Background



This preview shows how the Yxy color 55.9511, 0.3577, 0.3381 looks on a white background.

Color Contrast Check

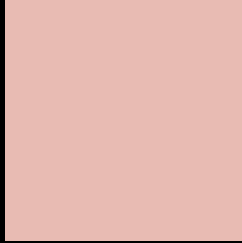
Large Text (above 18pt) WCAG AA × Fail

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 55.9511, 0.3577, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

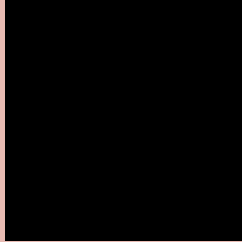
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9511, 0.3577, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 55.9511, 0.3577, 0.3381.



This preview shows how white text looks on a background with the Yxy color 55.9511, 0.3577, 0.3381.

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

55.9511, 0.3577, 0.3381

Protanopia

56.2306, 0.3281, 0.3447

Deuteranopia

55.8886, 0.3509, 0.3429



Tritanopia

55.8506, 0.3440, 0.3136

Trichromacy



Original Color

55.9511, 0.3577, 0.3381

Protanomaly

55.8135, 0.3386, 0.3420

Deuteranomaly

55.9404, 0.3537, 0.3417

Tritanomaly

55.7831, 0.3489, 0.3224

Monochromacy



Original Color

55.9511, 0.3577, 0.3381

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.8330, 0.3288, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9511, 0.3577, 0.3381 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(232, 187, 179)` looks like.

```
.text, #text, p{  
    color:rgb(232, 187, 179)  
}
```

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(232, 187, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 187, 179) }
```

Border

The CSS property to change the border of an element to Yxy 55.9511, 0.3577, 0.3381 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(232, 187, 179) }
```

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

```
.border{ border-color:rgb(232, 187, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 187, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 187, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 187, 179);  
box-shadow:4px 4px 4px 4px rgb(232, 187,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9511, 0.3577, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 187, 179) }
```

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

```
.background{ background-color: rgb(232,  
187, 179) }
```

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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