

Converting Colors

$Y_{xy}(55.3276, 0.3528, 0.3400)$

Have a look what the booklet for
Yxy(55.3276, 0.3528, 0.3400)
contains.

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Color

Yxy(55.3495, 0.3531, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	E2BCB2
RGB	226, 188, 178
RGB Percent	89%, 74%, 70%
CMY	0.1138, 0.2627, 0.3020
CMYK	0.00, 0.17, 0.21, 0.11
HSL	13°, 45%, 79%
HSV	13°, 21%, 89%
XYZ	57.3808, 55.3495, 49.7755
YIQ	198.2220, 25.8580, 4.9460

Conversions

Conversions Part 2

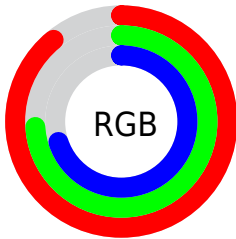
Format	Color
R _Y B	226, 191, 178
Decimal	14859442
CIE Lab	79.24, 12.06, 10.14
CIE LCh	79, 15.755, 40.068
Yxy	55.3495, 0.3531, 0.3406
Android (android.graphics.Color)	4293049522 (0xFFE2BCB2)
YUV	198.2220, -9.9694, 24.3613
Hunter-Lab	74.3972, 7.4776, 12.4100

Details

The Yxy color **55.3495, 0.3531, 0.3406** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.0561, 0.2804, 0.3171**, and the grayscale version is **56.6648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9019, 0.3260, 0.3388**, and **27.3547, 0.3643, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **47.3436, 0.3784, 0.3465**, and if you desaturate by 10%, it is **64.4569, 0.3321, 0.3349**.

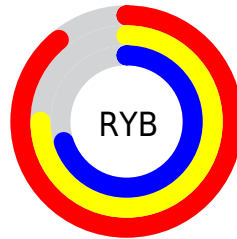
Distribution



Red (89%)

Green (74%)

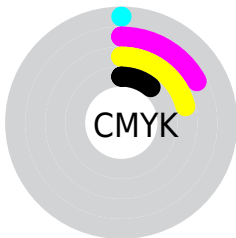
Blue (70%)



Red (89%)

Yellow (75%)

Blue (70%)

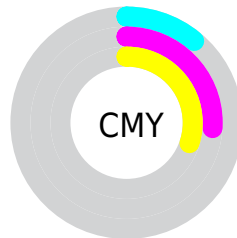


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (11%)



Cyan (11%)

Magenta (26%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3495, 0.3531, 0.3406 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 55.3495, 0.3531, 0.3406 by changing the saturation by 10% instead.


 55.3495, 0.3531,
0.3406

 55.3495, 0.3531,
0.3406


407.2354, 0.3333,
0.3353

 39.6816, 0.3579,
0.3418


 98.0528, 0.3460,
0.3388

 27.2904, 0.3640,
0.3432


125.8571, 0.3433,
0.3381

 17.7914, 0.3720,
0.3451


158.4756, 0.3410,
0.3374

 10.8004, 0.3829,
0.3473

196.2927, 0.3391,
0.3369

 5.9327, 0.3986,
0.3503

239.6928, 0.3374,
0.3364

 2.8042, 0.4231,
0.3540

289.0604, 0.3359,

 1.0304, 0.4833,

0.3360

0.3709

344.7798, 0.3345,
0.3356

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.3495, 0.3531,
0.3406

55.3495, 0.3531,
0.3406

47.3436, 0.3784,
0.3465

64.4569, 0.3321,
0.3349

40.3899, 0.4085,
0.3522

74.6978, 0.3147,
0.3296

34.4463, 0.4435,
0.3573

86.1122, 0.3002,
0.3247

29.4652, 0.4828,
0.3610

94.9076, 0.2952,
0.3289

■ 25.3948, 0.5241,
0.3623

■ 22.1783, 0.5637,
0.3602

■ 19.7522, 0.5968,
0.3545

■ 18.2125, 0.6180,
0.3475

Harmonies

Analogous

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



55.3495, 0.3430, 0.3229



55.3495, 0.3531, 0.3406



55.3495, 0.3519, 0.3561

Triad

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



55.3495, 0.3531, 0.3406



55.3495, 0.3001, 0.3525



55.3495, 0.2854, 0.2944

Complementary

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



55.3495, 0.3531, 0.3406



64.0561, 0.2804, 0.3171

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.



55.3495, 0.2748, 0.3008



55.3495, 0.3531, 0.3406



55.3495, 0.2831, 0.3343

Square

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



55.3495, 0.3531, 0.3406



55.3495, 0.3209, 0.3639



55.3495, 0.2740, 0.3152



55.3495, 0.3035, 0.2968

Rectangle

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



55.3495, 0.3531, 0.3406



55.3495, 0.3450, 0.3630



55.3495, 0.2740, 0.3152



55.3495, 0.2809, 0.2955

Sweetspot

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



55.3520, 0.3531, 0.3406



91.5700, 0.3226, 0.3321



52.9848, 0.3228, 0.2864



19.4105, 0.3237, 0.3325



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.



55.3520, 0.3531, 0.3406



68.4802, 0.3625, 0.3429



66.2658, 0.3478, 0.3667



14.1615, 0.3287, 0.3340



10.5293, 0.6155, 0.3495



0.8588, 0.5861, 0.3728

Inverse Universe

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



64.0561, 0.2804, 0.3171



81.6546, 0.2746, 0.3146



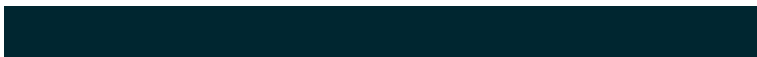
52.8278, 0.2783, 0.2882



15.0614, 0.2982, 0.3240



21.6680, 0.2058, 0.2608



1.6253, 0.2090, 0.2725

Previews

White Background



This preview shows how the Yxy color 55.3495, 0.3531, 0.3406 looks on a white background.

Color Contrast Check

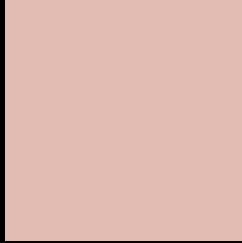
Large Text (above 18pt) WCAG AA × Fail

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 55.3495, 0.3531, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

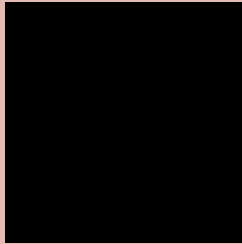
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3495, 0.3531, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 55.3495, 0.3531, 0.3406.

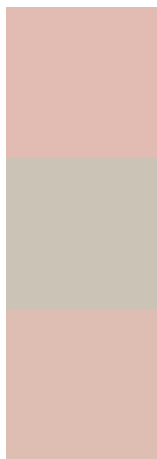


This preview shows how white text looks on a background with the Yxy color 55.3495, 0.3531, 0.3406.

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

55.3495, 0.3531, 0.3406

Protanopia

55.5538, 0.3289, 0.3460

Deuteranopia

55.1391, 0.3494, 0.3419



Tritanopia

55.4795, 0.3388, 0.3134

Trichromacy



Original Color

55.3495, 0.3531, 0.3406

Protanomaly

55.3250, 0.3368, 0.3433

Deuteranomaly

55.2975, 0.3503, 0.3418

Tritanomaly

55.3734, 0.3444, 0.3234

Monochromacy



Original Color

55.3495, 0.3531, 0.3406

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7551, 0.3264, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3495, 0.3531, 0.3406 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(226, 188, 178)` looks like.

```
.text, #text, p{  
    color:rgb(226, 188, 178)  
}
```

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(226, 188, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 188, 178) }
```

Border

The CSS property to change the border of an element to Yxy 55.3495, 0.3531, 0.3406 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(226, 188, 178) }
```

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

```
.border{ border-color:rgb(226, 188, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 188, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 188, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 188, 178);  
box-shadow:4px 4px 4px 4px rgb(226, 188,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3495, 0.3531, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 188, 178) }
```

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

```
.background{ background-color: rgb(226,  
188, 178) }
```

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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