

Converting Colors

$Yxy(55.7428, 0.3598, 0.3511)$

Have a look what the booklet for
Yxy(55.7428, 0.3598, 0.3511)
contains.

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Color

Yxy(55.6284, 0.3604, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	E3BDAA
RGB	227, 189, 170
RGB Percent	89%, 74%, 67%
CMY	0.1098, 0.2588, 0.3332
CMYK	0.00, 0.17, 0.25, 0.11
HSL	20°, 50%, 78%
HSV	20°, 25%, 89%
XYZ	57.1344, 55.6284, 45.7678
YIQ	198.1960, 28.7470, 2.1470

Conversions

Conversions Part 2

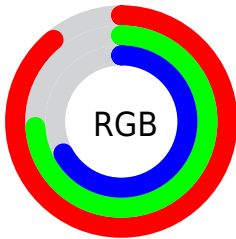
Format	Color
R _Y B	227, 199, 170
Decimal	14925226
CIE Lab	79.40, 10.76, 14.67
CIE LCh	79, 18.193, 53.730
Yxy	55.6284, 0.3604, 0.3509
Android (android.graphics.Color)	4293115306 (0xFFE3BDAA)
YUV	198.1960, -13.9006, 25.2611
Hunter-Lab	74.5844, 6.2148, 15.8266

Details

The Yxy color **55.6284, 0.3604, 0.3509** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.2196, 0.2739, 0.3060**, and the grayscale version is **56.6729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0011, 0.3315, 0.3487**, and **27.5743, 0.3731, 0.3563** is the 20% darker color. If you saturate the color by 10%, you get **48.6674, 0.3854, 0.3601**, and if you desaturate by 10%, it is **63.4228, 0.3390, 0.3418**.

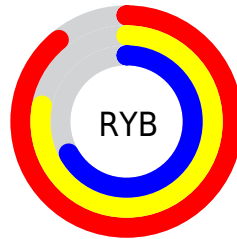
Distribution



Red (89%)

Green (74%)

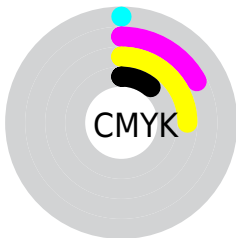
Blue (67%)



Red (89%)

Yellow (78%)

Blue (67%)

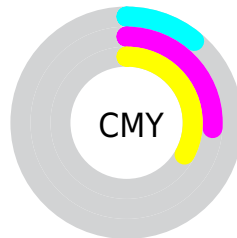


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (11%)



Cyan (11%)


Magenta (26%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6284, 0.3604, 0.3509 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 55.6284, 0.3604, 0.3509 by changing the saturation by 10% instead.


 55.6284, 0.3604,
0.3509

 55.6284, 0.3604,
0.3509


408.2896, 0.3371,
0.3407

 39.9051, 0.3660,
0.3532


 98.4611, 0.3521,
0.3474

 27.4645, 0.3732,
0.3561


126.3392, 0.3489,
0.3460

 17.9224, 0.3825,
0.3597


159.0376, 0.3462,
0.3448

 10.8943, 0.3952,
0.3643

196.9409, 0.3439,
0.3438

 5.9958, 0.4133,
0.3703

240.4333, 0.3418,
0.3429

 2.8425, 0.4411,
0.3783

289.8993, 0.3401,

 1.0501, 0.5331,

0.3421

0.4234

345.7233, 0.3385,
0.3413

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.6284, 0.3604,
0.3509

55.6284, 0.3604,
0.3509

48.6674, 0.3854,
0.3601

63.4228, 0.3390,
0.3418

42.5037, 0.4142,
0.3690

72.0699, 0.3209,
0.3332

37.1098, 0.4466,
0.3768

81.5979, 0.3055,
0.3251

32.4536, 0.4816,
0.3823

91.6504, 0.2957,
0.3235

■ 28.5003, 0.5172,
0.3844

■ 95.0715, 0.2958,
0.3290

■ 25.2121, 0.5506,
0.3819

■ 22.5462, 0.5785,
0.3744

■ 21.4463, 0.5901,
0.3696

Harmonies

Analogous

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



55.6284, 0.3545, 0.3311



55.6284, 0.3604, 0.3509



55.6284, 0.3530, 0.3660

Triad

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



55.6284, 0.3604, 0.3509



55.6284, 0.2883, 0.3472



55.6284, 0.2899, 0.2893

Complementary

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



55.6284, 0.3604, 0.3509



59.2196, 0.2739, 0.3060

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.



55.6284, 0.2735, 0.2919



55.6284, 0.3604, 0.3509



55.6284, 0.2726, 0.3246

Square

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



55.6284, 0.3604, 0.3509



55.6284, 0.3109, 0.3648



55.6284, 0.2672, 0.3044



55.6284, 0.3131, 0.2965

Rectangle

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



55.6284, 0.3604, 0.3509



55.6284, 0.3417, 0.3710



55.6284, 0.2672, 0.3044



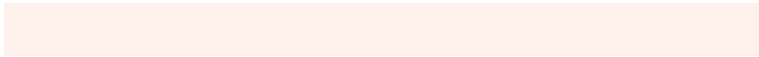
55.6284, 0.2835, 0.2891

Sweetspot

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



55.6309, 0.3604, 0.3509



90.3795, 0.3259, 0.3357



49.6917, 0.3306, 0.2854



18.9754, 0.3286, 0.3370



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.



55.6309, 0.3604, 0.3509



67.6704, 0.3727, 0.3556



68.6327, 0.3531, 0.3809



15.1483, 0.3284, 0.3369



12.6988, 0.5874, 0.3718



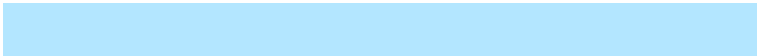
1.1043, 0.5590, 0.3943

Inverse Universe

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



59.2196, 0.2739, 0.3060



73.0715, 0.2661, 0.3006



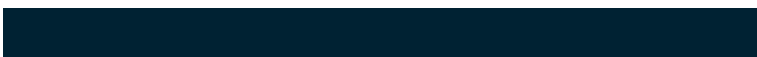
46.9281, 0.2708, 0.2712



15.4851, 0.2981, 0.3210



16.4396, 0.1935, 0.2166



1.3839, 0.1986, 0.2349

Previews

White Background



This preview shows how the Yxy color 55.6284, 0.3604, 0.3509 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 55.6284, 0.3604, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

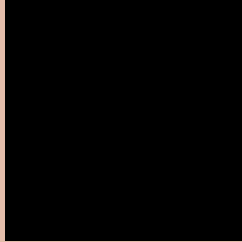
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6284, 0.3604, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 55.6284, 0.3604, 0.3509.



This preview shows how white text looks on a background with the Yxy color 55.6284, 0.3604, 0.3509.

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

55.6284, 0.3604, 0.3509

Protanopia

55.6577, 0.3376, 0.3557

Deuteranopia

55.8979, 0.3593, 0.3521



Tritanopia

55.6444, 0.3396, 0.3134

Trichromacy



Original Color

55.6284, 0.3604, 0.3509

Protanomaly

55.4532, 0.3458, 0.3528

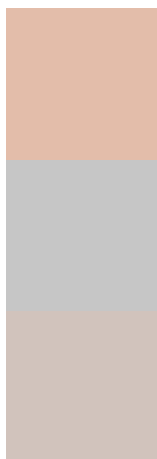
Deuteranomaly

55.8979, 0.3593, 0.3521

Tritanomaly

55.4067, 0.3477, 0.3268

Monochromacy



Original Color

55.6284, 0.3604, 0.3509

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2164, 0.3294, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6284, 0.3604, 0.3509 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(227, 189, 170)` looks like.

```
.text, #text, p{  
    color:rgb(227, 189, 170)  
}
```

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(227, 189, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 189, 170) }
```

Border

The CSS property to change the border of an element to Yxy 55.6284, 0.3604, 0.3509 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(227, 189, 170) }
```

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

```
.border{ border-color:rgb(227, 189, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 189, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 189, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 189, 170);  
box-shadow:4px 4px 4px 4px rgb(227, 189,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6284, 0.3604, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 189, 170) }
```

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

```
.background{ background-color: rgb(227,  
189, 170) }
```

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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