

Converting Colors

Yxy(55.8068, 0.3573, 0.3422)

Have a look what the booklet for
Yxy(55.8068, 0.3573, 0.3422)
contains.

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Color

Yxy(55.7590, 0.3574, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	E5BCB0
RGB	229, 188, 176
RGB Percent	90%, 74%, 69%
CMY	0.1019, 0.2627, 0.3099
CMYK	0.00, 0.18, 0.23, 0.10
HSL	14°, 50%, 79%
HSV	14°, 23%, 90%
XYZ	58.1338, 55.7590, 48.7647
YIQ	198.8910, 28.2880, 4.9600

Conversions

Conversions Part 2

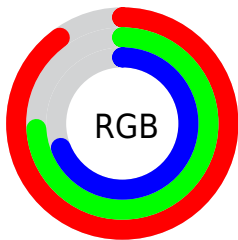
Format	Color
R _Y B	229, 192, 176
Decimal	15056048
CIE Lab	79.48, 12.89, 11.60
CIE LCh	79, 17.336, 41.979
Yxy	55.7590, 0.3574, 0.3428
Android (android.graphics.Color)	4293246128 (0xFFE5BCB0)
YUV	198.8910, -11.2853, 26.4056
Hunter-Lab	74.6719, 8.2904, 13.5509

Details

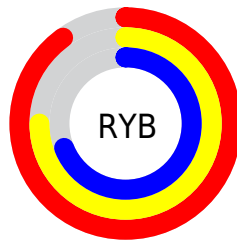
The Yxy color **55.7590, 0.3574, 0.3428** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.5080, 0.2774, 0.3147**, and the grayscale version is **57.1018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7876, 0.3273, 0.3408**, and **27.6674, 0.3689, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **47.8217, 0.3833, 0.3492**, and if you desaturate by 10%, it is **64.7829, 0.3357, 0.3366**.

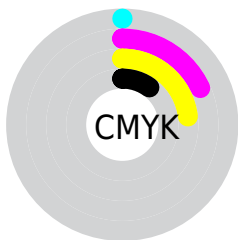
Distribution



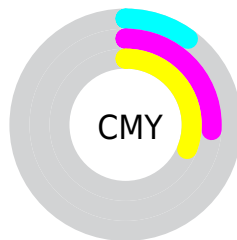
- Red (90%)
- Green (74%)
- Blue (69%)



- Red (90%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (10%)



- Cyan (10%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7590, 0.3574, 0.3428 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 55.7590, 0.3574, 0.3428 by changing the saturation by 10% instead.


 55.7590, 0.3574,
0.3428

 55.7590, 0.3574,
0.3428

408.7826, 0.3355,
0.3365

 40.0097, 0.3627,
0.3442

 98.6521, 0.3496,
0.3406

 27.5461, 0.3694,
0.3459


126.5648, 0.3466,
0.3398

 17.9838, 0.3782,
0.3480


159.3007, 0.3441,
0.3391

 10.9384, 0.3902,
0.3507

197.2442, 0.3419,
0.3384

 6.0254, 0.4074,
0.3541

240.7798, 0.3400,
0.3378

 2.8605, 0.4341,
0.3583

290.2918, 0.3383,

 1.0594, 0.5024,

0.3373

0.3789

346.1646, 0.3369,
0.3369

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.7590, 0.3574,
0.3428

55.7590, 0.3574,
0.3428

47.8217, 0.3833,
0.3492

64.7829, 0.3357,
0.3366

40.9222, 0.4140,
0.3553

74.9248, 0.3177,
0.3308

35.0192, 0.4494,
0.3607

86.2240, 0.3028,
0.3253

30.0658, 0.4885,
0.3643

95.3997, 0.2970,
0.3290

■ 26.0110, 0.5291,
0.3653

■ 22.7987, 0.5674,
0.3626

■ 20.3662, 0.5985,
0.3560

■ 19.1071, 0.6147,
0.3502

Harmonies

Analogous

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



55.7590, 0.3470, 0.3234



55.7590, 0.3574, 0.3428



55.7590, 0.3552, 0.3595

Triad

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



55.7590, 0.3574, 0.3428



55.7590, 0.2974, 0.3538



55.7590, 0.2839, 0.2910

Complementary

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



55.7590, 0.3574, 0.3428



64.5080, 0.2774, 0.3147

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.



55.7590, 0.2717, 0.2973



55.7590, 0.3574, 0.3428



55.7590, 0.2793, 0.3334

Square

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



55.7590, 0.3574, 0.3428



55.7590, 0.3201, 0.3670



55.7590, 0.2700, 0.3126



55.7590, 0.3040, 0.2943

Rectangle

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



55.7590, 0.3574, 0.3428



55.7590, 0.3471, 0.3668



55.7590, 0.2700, 0.3126



55.7590, 0.2787, 0.2920

Sweetspot

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



55.7616, 0.3574, 0.3428



90.4096, 0.3243, 0.3330



52.7417, 0.3246, 0.2833



19.1817, 0.3254, 0.3333



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.



55.7616, 0.3574, 0.3428



65.9117, 0.3698, 0.3460



67.8800, 0.3511, 0.3712



14.8952, 0.3287, 0.3344



11.0727, 0.6122, 0.3521



0.9562, 0.5841, 0.3744

Inverse Universe

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



64.5080, 0.2774, 0.3147



78.9873, 0.2701, 0.3113



52.1518, 0.2749, 0.2829



15.7532, 0.2981, 0.3235



21.4241, 0.2040, 0.2544



1.7192, 0.2074, 0.2665

Previews

White Background



This preview shows how the Yxy color 55.7590, 0.3574, 0.3428 looks on a white background.

Color Contrast Check

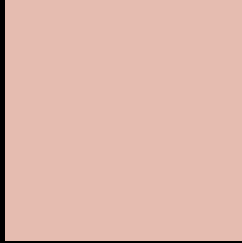
Large Text (above 18pt) WCAG AA × Fail

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 55.7590, 0.3574, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

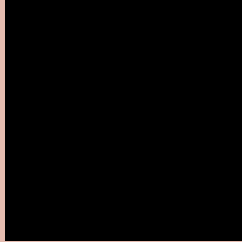
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7590, 0.3574, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 55.7590, 0.3574, 0.3428.



This preview shows how white text looks on a background with the Yxy color 55.7590, 0.3574, 0.3428.

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

55.7590, 0.3574, 0.3428

Protanopia

55.7543, 0.3321, 0.3484

Deuteranopia

55.8088, 0.3526, 0.3453



Tritanopia

55.9772, 0.3413, 0.3135

Trichromacy



Original Color

55.7590, 0.3574, 0.3428

Protanomaly

55.6907, 0.3410, 0.3456

Deuteranomaly

55.6985, 0.3545, 0.3440

Tritanomaly

55.8683, 0.3469, 0.3235

Monochromacy



Original Color

55.7590, 0.3574, 0.3428

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.4934, 0.3279, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7590, 0.3574, 0.3428 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(229, 188, 176)` looks like.

```
.text, #text, p{  
    color:rgb(229, 188, 176)  
}
```

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(229, 188, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 188, 176) }
```

Border

The CSS property to change the border of an element to Yxy 55.7590, 0.3574, 0.3428 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(229, 188, 176) }
```

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

```
.border{ border-color:rgb(229, 188, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 188, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 188, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 188, 176);  
box-shadow:4px 4px 4px 4px rgb(229, 188,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7590, 0.3574, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 188, 176) }
```

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

```
.background{ background-color: rgb(229,  
188, 176) }
```

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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