

Converting Colors

$Yxy(55.5042, 0.3587, 0.3498)$

Have a look what the booklet for
Yxy(55.5042, 0.3587, 0.3498)
contains.

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Color

Yxy(55.5042, 0.3587, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	E2BDAB
RGB	226, 189, 171
RGB Percent	89%, 74%, 67%
CMY	0.1137, 0.2588, 0.3293
CMYK	0.00, 0.16, 0.24, 0.11
HSL	20°, 49%, 78%
HSV	20°, 24%, 89%
XYZ	56.9164, 55.5042, 46.2535
YIQ	198.0110, 27.8300, 2.2460

Conversions

Conversions Part 2

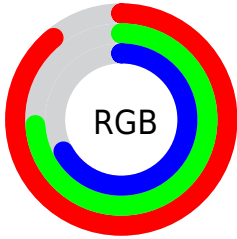
Format	Color
R_{YB}	226, 198, 171
Decimal	14859691
CIE _{Lab}	79.33, 10.53, 14.02
CIE _{LCh}	79, 17.533, 53.081
Yxy	55.5042, 0.3587, 0.3498
Android (android.graphics.Color)	4293049771 (0xFFE2BDAB)
YUV	198.0110, -13.3164, 24.5464
Hunter-Lab	74.5011, 5.9911, 15.3410

Details

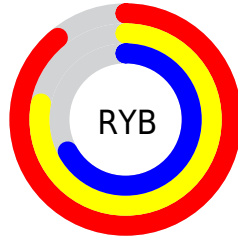
The Yxy color **55.5042, 0.3587, 0.3498** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.2814, 0.2751, 0.3072**, and the grayscale version is **56.5515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0558, 0.3309, 0.3477**, and **27.4863, 0.3707, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **48.5119, 0.3835, 0.3589**, and if you desaturate by 10%, it is **63.3355, 0.3375, 0.3409**.

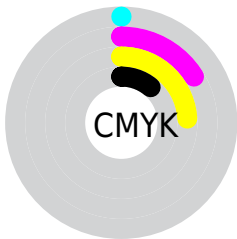
Distribution



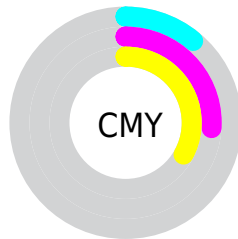
- Red (89%)
- Green (74%)
- Blue (67%)



- Red (89%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (11%)



- Cyan (11%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5042, 0.3587, 0.3498 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 55.5042, 0.3587, 0.3498 by changing the saturation by 10% instead.


 55.5042, 0.3587,
0.3498

 55.5042, 0.3587,
0.3498


407.8203, 0.3362,
0.3401

 39.8055, 0.3642,
0.3520


 98.2793, 0.3506,
0.3464

 27.3870, 0.3711,
0.3547


126.1245, 0.3476,
0.3451

 17.8641, 0.3801,
0.3582


158.7874, 0.3450,
0.3440

 10.8524, 0.3923,
0.3626

196.6523, 0.3427,
0.3430

 5.9677, 0.4099,
0.3684

240.1037, 0.3408,
0.3422

 2.8254, 0.4369,
0.3762

289.5259, 0.3391,

 1.0413, 0.5238,

0.3414

0.4181

345.3033, 0.3376,
0.3407

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5042, 0.3587,
0.3498

55.5042, 0.3587,
0.3498

48.5119, 0.3835,
0.3589

63.3355, 0.3375,
0.3409

42.3223, 0.4122,
0.3676

72.0253, 0.3196,
0.3325

36.9078, 0.4445,
0.3754

81.6019, 0.3044,
0.3246

32.2360, 0.4796,
0.3810

91.6689, 0.2951,
0.3238

■ 28.2721, 0.5156,
0.3833

■ 94.9104, 0.2952,
0.3289

■ 24.9779, 0.5495,
0.3811

■ 22.3109, 0.5781,
0.3739

■ 21.0523, 0.5917,
0.3684

Harmonies

Analogous

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



55.5042, 0.3527, 0.3306



55.5042, 0.3587, 0.3498



55.5042, 0.3518, 0.3645

Triad

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



55.5042, 0.3587, 0.3498



55.5042, 0.2896, 0.3470



55.5042, 0.2903, 0.2906

Complementary

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



55.5042, 0.3587, 0.3498



59.2814, 0.2751, 0.3072

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.



55.5042, 0.2746, 0.2934



55.5042, 0.3587, 0.3498



55.5042, 0.2742, 0.3253

Square

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



55.5042, 0.3587, 0.3498



55.5042, 0.3115, 0.3638



55.5042, 0.2688, 0.3057



55.5042, 0.3126, 0.2974

Rectangle

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



55.5042, 0.3587, 0.3498



55.5042, 0.3411, 0.3695



55.5042, 0.2688, 0.3057



55.5042, 0.2841, 0.2904

Sweetspot

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



55.5067, 0.3587, 0.3498



91.4755, 0.3242, 0.3347



49.8893, 0.3299, 0.2868



19.4280, 0.3252, 0.3352



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.



55.5067, 0.3587, 0.3498



68.3682, 0.3703, 0.3542



68.1873, 0.3518, 0.3792



14.4286, 0.3284, 0.3367



12.2020, 0.5888, 0.3707



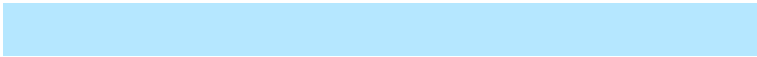
1.0052, 0.5587, 0.3946

Inverse Universe

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



59.2814, 0.2751, 0.3072



74.1042, 0.2677, 0.3022



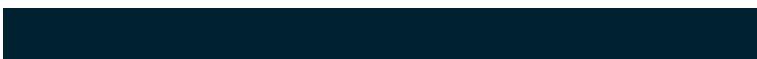
47.2431, 0.2722, 0.2732



14.7776, 0.2982, 0.3212



16.1915, 0.1941, 0.2189



1.2834, 0.1994, 0.2379

Previews

White Background



This preview shows how the Yxy color 55.5042, 0.3587, 0.3498 looks on a white background.

Color Contrast Check

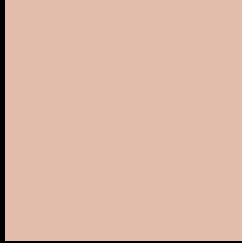
Large Text (above 18pt) WCAG AA × Fail

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 55.5042, 0.3587, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

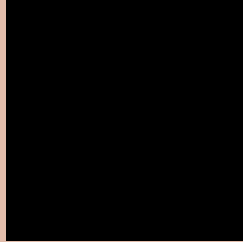
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5042, 0.3587, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 55.5042, 0.3587, 0.3498.



This preview shows how white text looks on a background with the Yxy color 55.5042, 0.3587, 0.3498.

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

55.5042, 0.3587, 0.3498

Protanopia

55.5541, 0.3360, 0.3545

Deuteranopia

55.3430, 0.3578, 0.3499



Tritanopia

55.4795, 0.3388, 0.3134

Trichromacy



Original Color

55.5042, 0.3587, 0.3498

Protanomaly

55.3421, 0.3441, 0.3517

Deuteranomaly

55.3430, 0.3578, 0.3499

Tritanomaly

55.2859, 0.3460, 0.3257

Monochromacy



Original Color

55.5042, 0.3587, 0.3498

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.0710, 0.3286, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5042, 0.3587, 0.3498 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, 189, 171)` looks like.

```
.text, #text, p{  
    color:rgb(226, 189, 171)  
}
```

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, 189, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 189, 171) }
```

Border

The CSS property to change the border of an element to Yxy 55.5042, 0.3587, 0.3498 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, 189, 171) }
```

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

```
.border{ border-color:rgb(226, 189, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 189, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 189, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 189, 171);  
box-shadow:4px 4px 4px 4px rgb(226, 189,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5042, 0.3587, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 189, 171) }
```

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

```
.background{ background-color: rgb(226,  
189, 171) }
```

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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