

Converting Colors

$Yxy(55.5478, 0.3616, 0.3485)$

Have a look what the booklet for
Yxy(55.5478, 0.3616, 0.3485)
contains.

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Color

Yxy(55.5647, 0.3616, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	E5BCAB
RGB	229, 188, 171
RGB Percent	90%, 74%, 67%
CMY	0.1019, 0.2628, 0.3294
CMYK	0.00, 0.18, 0.25, 0.10
HSL	18°, 53%, 78%
HSV	18°, 25%, 90%
XYZ	57.6534, 55.5647, 46.2215
YIQ	198.3210, 29.8930, 3.4050

Conversions

Conversions Part 2

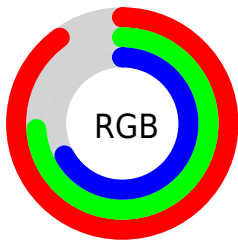
Format	Color
R _Y B	229, 195, 171
Decimal	15056043
CIE Lab	79.37, 12.19, 14.11
CIE LCh	79, 18.650, 49.170
Yxy	55.5647, 0.3616, 0.3485
Android (android.graphics.Color)	4293246123 (0xFFE5BCAB)
YUV	198.3210, -13.4693, 26.9055
Hunter-Lab	74.5417, 7.6105, 15.4149

Details

The Yxy color **55.5647, 0.3616, 0.3485** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.4263, 0.2738, 0.3086**, and the grayscale version is **56.7503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4524, 0.3310, 0.3467**, and **27.5441, 0.3747, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **48.2315, 0.3874, 0.3567**, and if you desaturate by 10%, it is **63.8311, 0.3397, 0.3405**.

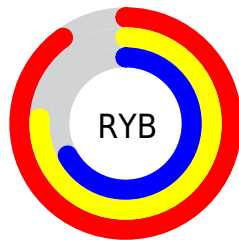
Distribution



Red (90%)

Green (74%)

Blue (67%)



Red (90%)

Yellow (76%)

Blue (67%)

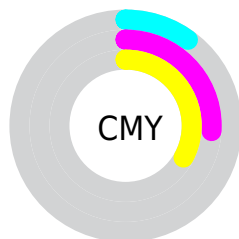


Cyan (0%)

Magenta (18%)

Yellow (25%)

Black (10%)



Cyan (10%)

Magenta (26%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5647, 0.3616, 0.3485 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 55.5647, 0.3616, 0.3485 by changing the saturation by 10% instead.


 55.5647, 0.3616,
0.3485

 55.5647, 0.3616,
0.3485


408.0490, 0.3377,
0.3395

 39.8540, 0.3674,
0.3505


 98.3678, 0.3530,
0.3454

 27.4247, 0.3747,
0.3530


126.2291, 0.3498,
0.3442

 17.8925, 0.3843,
0.3561


158.9093, 0.3470,
0.3431

 10.8728, 0.3974,
0.3600

196.7929, 0.3446,
0.3422

 5.9814, 0.4161,
0.3651

240.2643, 0.3426,
0.3414

 2.8338, 0.4448,
0.3715

289.7078, 0.3407,

 1.0456, 0.5346,

0.3407

0.4096

345.5079, 0.3391,
0.3401

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5647, 0.3616,
0.3485

55.5647, 0.3616,
0.3485

48.2315, 0.3874,
0.3567

63.8311, 0.3397,
0.3405

41.7905, 0.4174,
0.3645

73.0546, 0.3213,
0.3329

36.2088, 0.4513,
0.3712

83.2679, 0.3058,
0.3258

31.4485, 0.4881,
0.3758

93.9989, 0.2970,
0.3268

■ 27.4686, 0.5257,
0.3770

■ 95.4018, 0.2970,
0.3290

■ 24.2241, 0.5606,
0.3738

■ 21.6644, 0.5892,
0.3660

■ 20.6809, 0.6002,
0.3616

Harmonies

Analogous

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



55.5647, 0.3535, 0.3279



55.5647, 0.3616, 0.3485



55.5647, 0.3560, 0.3651

Triad

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



55.5647, 0.3616, 0.3485



55.5647, 0.2909, 0.3509



55.5647, 0.2862, 0.2881

Complementary

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



55.5647, 0.3616, 0.3485



61.4263, 0.2738, 0.3086

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.



55.5647, 0.2708, 0.2923



55.5647, 0.3616, 0.3485



55.5647, 0.2734, 0.3280

Square

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



55.5647, 0.3616, 0.3485



55.5647, 0.3147, 0.3676



55.5647, 0.2662, 0.3065



55.5647, 0.3092, 0.2940

Rectangle

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



55.5647, 0.3616, 0.3485



55.5647, 0.3454, 0.3714



55.5647, 0.2662, 0.3065



55.5647, 0.2800, 0.2883

Sweetspot

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



55.5673, 0.3616, 0.3485



89.8923, 0.3260, 0.3349



50.5766, 0.3292, 0.2829



18.8533, 0.3287, 0.3360



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.



55.5673, 0.3616, 0.3485



66.2181, 0.3736, 0.3525



68.9476, 0.3540, 0.3794



15.0520, 0.3285, 0.3359



12.0027, 0.5975, 0.3638



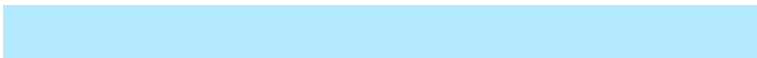
1.0435, 0.5687, 0.3866

Inverse Universe

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



61.4263, 0.2738, 0.3086



74.7995, 0.2665, 0.3041



48.4264, 0.2706, 0.2730



15.5863, 0.2981, 0.3220



18.2198, 0.1975, 0.2310



1.5051, 0.2020, 0.2470

Previews

White Background



This preview shows how the Yxy color 55.5647, 0.3616, 0.3485 looks on a white background.

Color Contrast Check

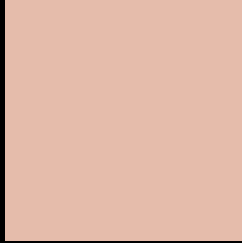
Large Text (above 18pt) WCAG AA × Fail

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 55.5647, 0.3616, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

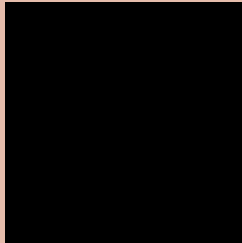
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5647, 0.3616, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 55.5647, 0.3616, 0.3485.



This preview shows how white text looks on a background with the Yxy color 55.5647, 0.3616, 0.3485.

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

55.5647, 0.3616, 0.3485

Protanopia

55.5541, 0.3360, 0.3545

Deuteranopia

55.7747, 0.3576, 0.3510



Tritanopia

55.5140, 0.3423, 0.3135

Trichromacy



Original Color

55.5647, 0.3616, 0.3485

Protanomaly

55.4921, 0.3450, 0.3516

Deuteranomaly

55.5042, 0.3587, 0.3498

Tritanomaly

55.3177, 0.3497, 0.3257

Monochromacy



Original Color

55.5647, 0.3616, 0.3485

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7697, 0.3295, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5647, 0.3616, 0.3485 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(229, 188, 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(229, 188, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 188, 171) }
```

Border

The CSS property to change the border of an element to Yxy 55.5647, 0.3616, 0.3485 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, 171) }
```

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

```
.border{ border-color:rgb(229, 188, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 188, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 188, 171); box-shadow:4px 4px 4px 4px rgb(229, 188, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5647, 0.3616, 0.3485 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, 171) }
```

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

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