

Converting Colors

$Yxy(63.5697, 0.3564, 0.3560)$

Have a look what the booklet for
Yxy(63.5697, 0.3564, 0.3560)
contains.

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Color

Yxy(63.6287, 0.3563, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	EBCBB3
RGB	235, 203, 179
RGB Percent	92%, 80%, 70%
CMY	0.0784, 0.2039, 0.2982
CMYK	0.00, 0.14, 0.24, 0.08
HSL	26°, 58%, 81%
HSV	26°, 24%, 92%
XYZ	63.7540, 63.6287, 51.5507
YIQ	209.8320, 26.7760, -0.6800

Conversions

Conversions Part 2

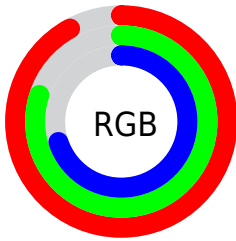
Format	Color
R _Y B	235, 221, 179
Decimal	15453107
CIE Lab	83.77, 7.63, 16.14
CIE LCh	84, 17.854, 64.698
Yxy	63.6287, 0.3563, 0.3556
Android (android.graphics.Color)	4293643187 (0xFFEBCBB3)
YUV	209.8320, -15.2002, 22.0723
Hunter-Lab	79.7676, 3.0722, 17.5205

Details

The Yxy color **63.6287, 0.3563, 0.3556** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.1554, 0.2752, 0.3008**, and the grayscale version is **64.4223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **32.5850, 0.3679, 0.3622** is the 20% darker color. If you saturate the color by 10%, you get **56.6928, 0.3794, 0.3674**, and if you desaturate by 10%, it is **71.2813, 0.3362, 0.3440**.

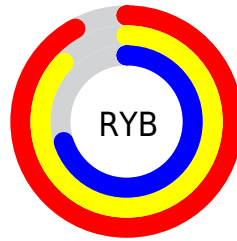
Distribution



Red (92%)

Green (80%)

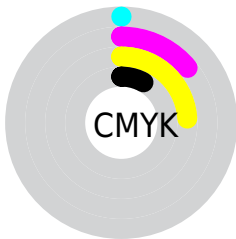
Blue (70%)



Red (92%)

Yellow (87%)

Blue (70%)

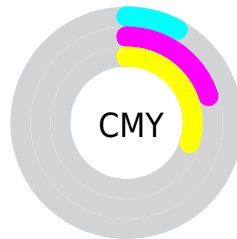


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (8%)



Cyan (8%)


Magenta (20%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6287, 0.3563, 0.3556 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 63.6287, 0.3563, 0.3556 by changing the saturation by 10% instead.


 63.6287, 0.3563,
0.3556

 63.6287, 0.3563,
0.3556

437.8476, 0.3355,
0.3433

 46.3500, 0.3612,
0.3584


 110.0760, 0.3490,
0.3513

 32.5221, 0.3673,
0.3618


140.0135, 0.3462,
0.3497

 21.7606, 0.3751,
0.3661


174.9393, 0.3437,
0.3483

 13.6811, 0.3856,
0.3717

215.2378, 0.3417,
0.3470

 7.8992, 0.4001,
0.3790

261.2935, 0.3398,
0.3459

 4.0305, 0.4215,
0.3891

313.4908, 0.3382,

 1.6906, 0.4623,

0.3450

0.4090

372.2140, 0.3368,
0.3441

0.4176, 0.5827,
0.4173

0.0000, 0.0000,
0.0000

63.6287, 0.3563,
0.3556

63.6287, 0.3563,
0.3556

56.6928, 0.3794,
0.3674

71.2813, 0.3362,
0.3440

50.4428, 0.4055,
0.3789

79.6630, 0.3188,
0.3330

44.8584, 0.4343,
0.3892

88.7966, 0.3038,
0.3228

39.9146, 0.4649,
0.3974

96.4045, 0.3005,
0.3290

■ 35.5847, 0.4960,
0.4020

■ 31.8393, 0.5253,
0.4017

■ 28.6452, 0.5506,
0.3960

■ 26.9316, 0.5639,
0.3904

Harmonies

Analogous

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



63.6287, 0.3553, 0.3380



63.6287, 0.3563, 0.3556



63.6287, 0.3452, 0.3669

Triad

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



63.6287, 0.3563, 0.3556



63.6287, 0.2834, 0.3385



63.6287, 0.2988, 0.2931

Complementary

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



63.6287, 0.3563, 0.3556



62.1554, 0.2752, 0.3008

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.



63.6287, 0.2805, 0.2921



63.6287, 0.3563, 0.3556



63.6287, 0.2719, 0.3175

Square

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



63.6287, 0.3563, 0.3556



63.6287, 0.3029, 0.3574



63.6287, 0.2708, 0.3007



63.6287, 0.3215, 0.3029

Rectangle

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



63.6287, 0.3563, 0.3556



63.6287, 0.3327, 0.3689



63.6287, 0.2708, 0.3007



63.6287, 0.2920, 0.2917

Sweetspot

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



63.6316, 0.3563, 0.3556



92.5704, 0.3240, 0.3365



54.6277, 0.3342, 0.2934



19.6812, 0.3250, 0.3371



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.



63.6316, 0.3563, 0.3556



72.0689, 0.3681, 0.3618



77.7025, 0.3498, 0.3839



16.1163, 0.3282, 0.3391



15.2288, 0.5612, 0.3926



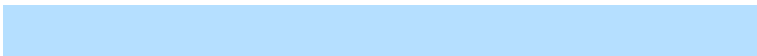
1.3833, 0.5369, 0.4119

Inverse Universe

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



62.1554, 0.2752, 0.3008



69.9772, 0.2668, 0.2936



49.7092, 0.2725, 0.2674



15.9772, 0.2981, 0.3186



13.1188, 0.1840, 0.1824



1.2205, 0.1902, 0.2046

Previews

White Background



This preview shows how the Yxy color 63.6287, 0.3563, 0.3556 looks on a white background.

Color Contrast Check

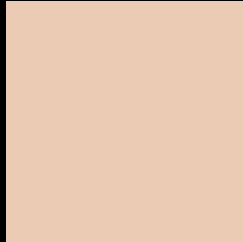
Large Text (above 18pt) WCAG AA × Fail

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 63.6287, 0.3563, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

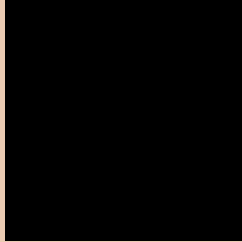
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6287, 0.3563, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 63.6287, 0.3563, 0.3556.



This preview shows how white text looks on a background with the Yxy color 63.6287, 0.3563, 0.3556.

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

63.6287, 0.3563, 0.3556

Protanopia

63.5492, 0.3400, 0.3588

Deuteranopia

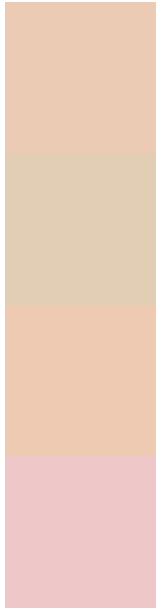
63.5532, 0.3609, 0.3531



Tritanopia

63.5430, 0.3340, 0.3130

Trichromacy



Original Color

63.6287, 0.3563, 0.3556

Protanomaly

63.4864, 0.3459, 0.3573

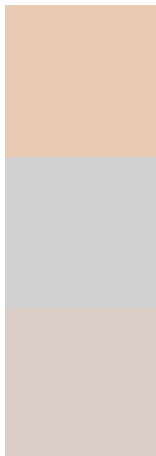
Deuteranomaly

63.6729, 0.3590, 0.3543

Tritanomaly

63.7027, 0.3422, 0.3280

Monochromacy



Original Color

63.6287, 0.3563, 0.3556

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.8092, 0.3276, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6287, 0.3563, 0.3556 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(235, 203, 179)` looks like.

```
.text, #text, p{  
    color:rgb(235, 203, 179)  
}
```

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(235, 203, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 203, 179) }
```

Border

The CSS property to change the border of an element to Yxy 63.6287, 0.3563, 0.3556 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(235, 203, 179) }
```

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

```
.border{ border-color:rgb(235, 203, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 203, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 203, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 203, 179);  
box-shadow:4px 4px 4px 4px rgb(235, 203,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6287, 0.3563, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 203, 179) }
```

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

```
.background{ background-color: rgb(235,  
203, 179) }
```

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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