

Converting Colors

$Yxy(63.6933, 0.3538, 0.3574)$

Have a look what the booklet for
Yxy(63.6933, 0.3538, 0.3574)
contains.

Yxy(63.5962, 0.3536, 0.3569)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.5962, 0.3536, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	E8CCB3
RGB	232, 204, 179
RGB Percent	91%, 80%, 70%
CMY	0.0902, 0.2000, 0.2982
CMYK	0.00, 0.12, 0.23, 0.09
HSL	28°, 54%, 81%
HSV	28°, 23%, 91%
XYZ	63.0082, 63.5962, 51.5862
YIQ	209.5220, 24.7130, -1.8390

Conversions

Conversions Part 2

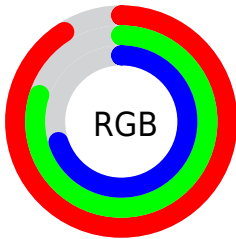
Format	Color
R _Y B	232, 226, 179
Decimal	15256755
CIE _{Lab}	83.76, 5.99, 16.08
CIE _{LCh}	84, 17.157, 69.563
Y _{xy}	63.5962, 0.3536, 0.3569
Android (android.graphics.Color)	4293446835 (0xFFE8CCB3)
YUV	209.5220, -15.0473, 19.7132
Hunter-Lab	79.7472, 1.4750, 17.4701

Details

The Yxy color **63.5962, 0.3536, 0.3569** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.0215, 0.2766, 0.2994**, and the grayscale version is **64.2085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **32.5492, 0.3643, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **57.1415, 0.3757, 0.3698**, and if you desaturate by 10%, it is **70.6727, 0.3341, 0.3443**.

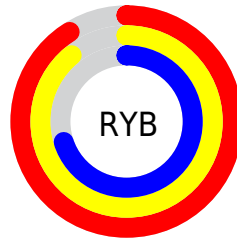
Distribution



Red (91%)

Green (80%)

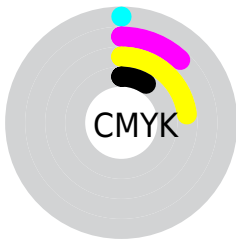
Blue (70%)



Red (91%)

Yellow (89%)

Blue (70%)

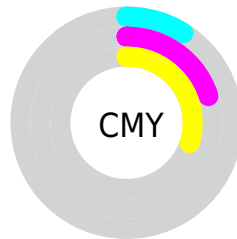


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (9%)



Cyan (9%)


Magenta (20%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5962, 0.3536, 0.3569 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 63.5962, 0.3536, 0.3569 by changing the saturation by 10% instead.


 63.5962, 0.3536,
0.3569

 63.5962, 0.3536,
0.3569

437.7300, 0.3341,
0.3439

 46.3237, 0.3582,
0.3599


 110.0292, 0.3467,
0.3524

 32.5013, 0.3639,
0.3635


139.9585, 0.3441,
0.3506

 21.7447, 0.3712,
0.3681


174.8755, 0.3418,
0.3491

 13.6694, 0.3810,
0.3741

215.1646, 0.3399,
0.3478

 7.8911, 0.3945,
0.3822

261.2102, 0.3382,
0.3467

 4.0254, 0.4145,
0.3934

313.3967, 0.3367,

 1.6878, 0.4529,

0.3457

0.4156

372.1085, 0.3353,
0.3447

0.4157, 0.5656,
0.4344

0.0000, 0.0000,
0.0000

63.5962, 0.3536,
0.3569

63.5962, 0.3536,
0.3569

57.1415, 0.3757,
0.3698

70.6727, 0.3341,
0.3443

51.2816, 0.4005,
0.3824

78.3797, 0.3171,
0.3323

45.9999, 0.4277,
0.3940

86.7370, 0.3024,
0.3211

41.2757, 0.4564,
0.4034

94.6325, 0.2987,
0.3270

■ 37.0866, 0.4853,
0.4094

■ 95.8975, 0.2988,
0.3290

■ 33.4082, 0.5127,
0.4106

■ 30.2128, 0.5365,
0.4064

■ 28.2029, 0.5512,
0.4006

Harmonies

Analogous

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



63.5962, 0.3546, 0.3407



63.5962, 0.3536, 0.3569



63.5962, 0.3413, 0.3663

Triad

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



63.5962, 0.3536, 0.3569



63.5962, 0.2821, 0.3348



63.5962, 0.3028, 0.2955

Complementary

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



63.5962, 0.3536, 0.3569



60.0215, 0.2766, 0.2994

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.



63.5962, 0.2841, 0.2931



63.5962, 0.3536, 0.3569



63.5962, 0.2726, 0.3149

Square

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



63.5962, 0.3536, 0.3569



63.5962, 0.2999, 0.3538



63.5962, 0.2733, 0.2999



63.5962, 0.3247, 0.3060

Rectangle

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



63.5962, 0.3536, 0.3569



63.5962, 0.3286, 0.3670



63.5962, 0.2733, 0.2999



63.5962, 0.2959, 0.2937

Sweetspot

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



63.5991, 0.3536, 0.3569



93.0364, 0.3239, 0.3372



53.9039, 0.3353, 0.2978



19.7891, 0.3250, 0.3379



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.



63.5991, 0.3536, 0.3569



75.2901, 0.3627, 0.3624



77.1397, 0.3476, 0.3842



15.4842, 0.3281, 0.3401



15.9036, 0.5485, 0.4027



1.3600, 0.5248, 0.4215

Inverse Universe

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



60.0215, 0.2766, 0.2994



70.1885, 0.2697, 0.2930



48.3489, 0.2741, 0.2671



15.1406, 0.2981, 0.3176



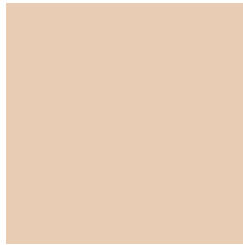
11.2846, 0.1799, 0.1676



1.0196, 0.1869, 0.1930

Previews

White Background



This preview shows how the Yxy color 63.5962, 0.3536, 0.3569 looks on a white background.

Color Contrast Check

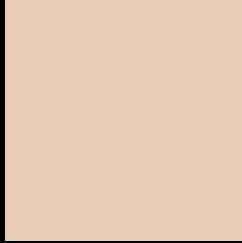
Large Text (above 18pt) WCAG AA × Fail

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 63.5962, 0.3536, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

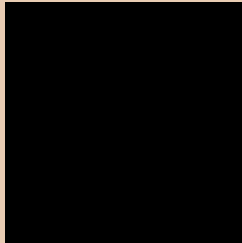
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.5962, 0.3536, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 63.5962, 0.3536, 0.3569.



This preview shows how white text looks on a background with the Yxy color 63.5962, 0.3536, 0.3569.

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

63.5962, 0.3536, 0.3569

Protanopia

63.5080, 0.3407, 0.3600

Deuteranopia

63.5938, 0.3601, 0.3520



Tritanopia

63.5348, 0.3308, 0.3129

Trichromacy



Original Color

63.5962, 0.3536, 0.3569

Protanomaly

63.7682, 0.3457, 0.3596

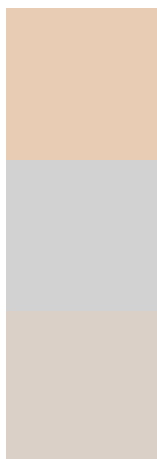
Deuteranomaly

63.5409, 0.3574, 0.3532

Tritanomaly

63.6525, 0.3396, 0.3291

Monochromacy



Original Color

63.5962, 0.3536, 0.3569

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.1407, 0.3267, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5962, 0.3536, 0.3569 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(232, 204, 179)` looks like.

```
.text, #text, p{  
    color:rgb(232, 204, 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(232, 204, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 204, 179) }
```

Border

The CSS property to change the border of an element to Yxy 63.5962, 0.3536, 0.3569 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(232, 204, 179) }
```

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

```
.border{ border-color:rgb(232, 204, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 204, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 204, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 204, 179);  
box-shadow:4px 4px 4px 4px rgb(232, 204,  
179) }
```


Background

The CSS property to change the background color of an element to `rgb(63.5962, 0.3536, 0.3569)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 204, 179) }
```

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

```
.background{ background-color: rgb(232,  
204, 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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