

Converting Colors

$Yxy(63.2992, 0.3343, 0.3363)$

Have a look what the booklet for
Yxy(63.2992, 0.3343, 0.3363)
contains.

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Color

Yxy(63.3857, 0.3350, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	E2CCC5
RGB	226, 204, 197
RGB Percent	89%, 80%, 77%
CMY	0.1138, 0.1999, 0.2275
CMYK	0.00, 0.10, 0.13, 0.11
HSL	15°, 33%, 83%
HSV	15°, 13%, 89%
XYZ	63.0282, 63.3857, 61.7300
YIQ	209.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

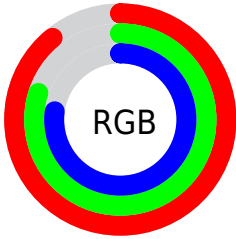
Format	Color
R _Y B	226, 206, 197
Decimal	14863557
CIE Lab	83.64, 6.51, 6.27
CIE LCh	84, 9.041, 43.925
Yxy	63.3857, 0.3350, 0.3369
Android (android.graphics.Color)	4293053637 (0xFFE2CCC5)
YUV	209.7800, -6.3005, 14.2249
Hunter-Lab	79.6151, 1.9851, 9.7598

Details

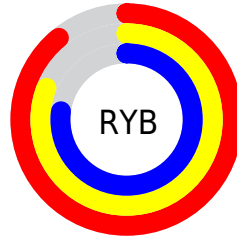
The Yxy color **63.3857, 0.3350, 0.3369** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9971, 0.2930, 0.3210**, and the grayscale version is **64.3311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **32.3419, 0.3404, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **54.7315, 0.3564, 0.3435**, and if you desaturate by 10%, it is **73.0956, 0.3172, 0.3307**.

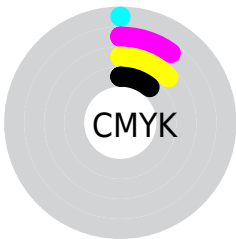
Distribution



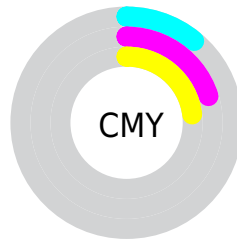
- Red (89%)
- Green (80%)
- Blue (77%)



- Red (89%)
- Yellow (81%)
- Blue (77%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (11%)




- Cyan (11%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3857, 0.3350, 0.3369 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 63.3857, 0.3350, 0.3369 by changing the saturation by 10% instead.

 63.3857, 0.3350,
0.3369

 63.3857, 0.3350,
0.3369


436.9679, 0.3244,
0.3333

 46.1533, 0.3375,
0.3377


109.7258, 0.3312,
0.3356

 32.3668, 0.3407,
0.3388


139.6022, 0.3298,
0.3351

 21.6418, 0.3447,
0.3401


174.4622, 0.3286,
0.3347

 13.5940, 0.3501,
0.3418

214.6900, 0.3275,
0.3343

 7.8388, 0.3578,
0.3441

260.6701, 0.3266,
0.3340

 3.9920, 0.3693,
0.3473

312.7868, 0.3258,

 1.6691, 0.3887,

0.3337

0.3523

371.4247, 0.3250,
0.3335

0.4035, 0.5729,
0.4262

0.0000, 0.0000,
0.0000

63.3857, 0.3350,
0.3369

63.3857, 0.3350,
0.3369

54.7315, 0.3564,
0.3435

73.0956, 0.3172,
0.3307

47.0890, 0.3819,
0.3503

83.8866, 0.3024,
0.3249

40.4230, 0.4120,
0.3569

94.9049, 0.2952,
0.3289

34.6936, 0.4466,
0.3627

■ 29.8577, 0.4850,
0.3668

■ 25.8688, 0.5249,
0.3681

■ 22.6759, 0.5628,
0.3656

■ 20.2220, 0.5941,
0.3590

■ 18.8743, 0.6114,
0.3528

Harmonies

Analogous

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



63.3857, 0.3303, 0.3270



63.3857, 0.3350, 0.3369



63.3857, 0.3336, 0.3449

Triad

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



63.3857, 0.3350, 0.3369



63.3857, 0.3045, 0.3406



63.3857, 0.2988, 0.3097

Complementary

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



63.3857, 0.3350, 0.3369



67.9971, 0.2930, 0.3210

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.



63.3857, 0.2922, 0.3128



63.3857, 0.3350, 0.3369



63.3857, 0.2954, 0.3307

Square

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



63.3857, 0.3350, 0.3369



63.3857, 0.3159, 0.3473



63.3857, 0.2910, 0.3205



63.3857, 0.3092, 0.3115

Rectangle

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



63.3857, 0.3350, 0.3369



63.3857, 0.3295, 0.3481



63.3857, 0.2910, 0.3205



63.3857, 0.2961, 0.3102

Sweetspot

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



63.3885, 0.3350, 0.3369



94.5281, 0.3192, 0.3314



61.2192, 0.3192, 0.3046



20.0182, 0.3204, 0.3319



0.0000, 0.0000, 0.0000



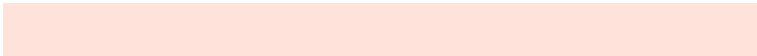
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.3885, 0.3350, 0.3369



80.6596, 0.3395, 0.3384



70.4666, 0.3329, 0.3524



14.2372, 0.3286, 0.3347



10.9257, 0.6088, 0.3548



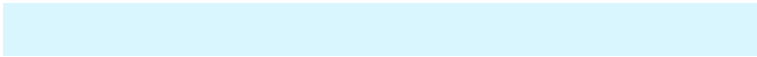
0.8961, 0.5786, 0.3788

Inverse Universe

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



67.9971, 0.2930, 0.3210



87.6817, 0.2895, 0.3194



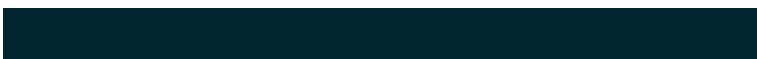
60.8880, 0.2926, 0.3044



14.9801, 0.2982, 0.3232



19.9939, 0.2025, 0.2490



1.5223, 0.2063, 0.2627

Previews

White Background



This preview shows how the Yxy color 63.3857, 0.3350, 0.3369 looks on a white background.

Color Contrast Check

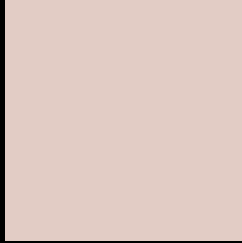
Large Text (above 18pt) WCAG AA × Fail

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 63.3857, 0.3350, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

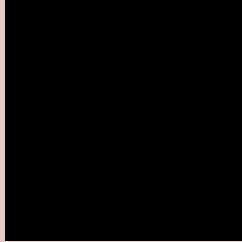
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3857, 0.3350, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 63.3857, 0.3350, 0.3369.

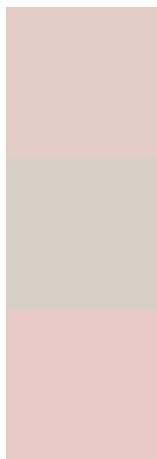


This preview shows how white text looks on a background with the Yxy color 63.3857, 0.3350, 0.3369.

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

63.3857, 0.3350, 0.3369

Protanopia

63.6823, 0.3244, 0.3393

Deuteranopia

63.1281, 0.3411, 0.3335



Tritanopia

63.4411, 0.3228, 0.3116

Trichromacy



Original Color

63.3857, 0.3350, 0.3369

Protanomaly

63.7629, 0.3284, 0.3392

Deuteranomaly

63.0953, 0.3385, 0.3346

Tritanomaly

63.3882, 0.3271, 0.3203

Monochromacy



Original Color

63.3857, 0.3350, 0.3369

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.1185, 0.3209, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3857, 0.3350, 0.3369 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, 204, 197)` looks like.

```
.text, #text, p{  
    color:rgb(226, 204, 197)  
}
```

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, 204, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 204, 197) }
```

Border

The CSS property to change the border of an element to Yxy 63.3857, 0.3350, 0.3369 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, 204, 197) }
```

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

```
.border{ border-color:rgb(226, 204, 197) }
```

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

Here you see how a box with a 4 pixel rgb(226, 204, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 204, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 204, 197);  
box-shadow:4px 4px 4px 4px rgb(226, 204,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3857, 0.3350, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 204, 197) }
```

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

```
.background{ background-color: rgb(226,  
204, 197) }
```

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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