

Converting Colors

$Yxy(64.8778, 0.3363, 0.3379)$

Have a look what the booklet for
Yxy(64.8778, 0.3363, 0.3379)
contains.

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Color

Yxy(64.8778, 0.3363, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	E5CEC6
RGB	229, 206, 198
RGB Percent	90%, 81%, 78%
CMY	0.1021, 0.1921, 0.2235
CMYK	0.00, 0.10, 0.14, 0.10
HSL	16°, 37%, 84%
HSV	16°, 14%, 90%
XYZ	64.5706, 64.8778, 62.5546
YIQ	211.9650, 16.2760, 2.3880

Conversions

Conversions Part 2

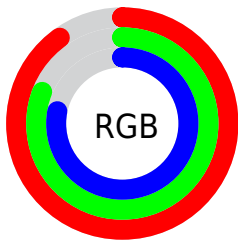
Format	Color
R _Y B	229, 209, 198
Decimal	15060678
CIE Lab	84.42, 6.70, 6.88
CIE LCh	84, 9.598, 45.760
Yxy	64.8778, 0.3363, 0.3379
Android (android.graphics.Color)	4293250758 (0xFFE5CEC6)
YUV	211.9650, -6.8847, 14.9397
Hunter-Lab	80.5468, 2.1383, 10.3367

Details

The Yxy color **64.8778, 0.3363, 0.3379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3586, 0.2919, 0.3199**, and the grayscale version is **65.8522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.3543, 0.3421, 0.3407** is the 20% darker color. If you saturate the color by 10%, you get **56.1635, 0.3578, 0.3450**, and if you desaturate by 10%, it is **74.6407, 0.3183, 0.3312**.

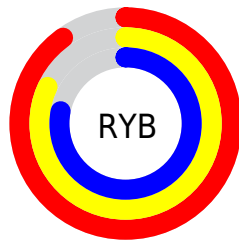
Distribution



Red (90%)

Green (81%)

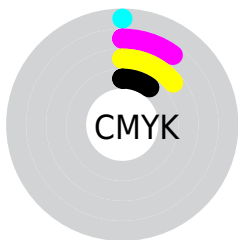
Blue (78%)



Red (90%)

Yellow (82%)

Blue (78%)

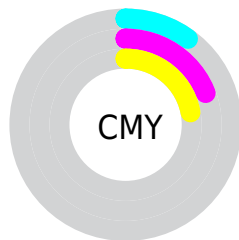


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (10%)



Cyan (10%)

Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8778, 0.3363, 0.3379 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 64.8778, 0.3363, 0.3379 by changing the saturation by 10% instead.

64.8778, 0.3363,
0.3379

64.8778, 0.3363,
0.3379

442.3527, 0.3251,
0.3338

47.3620, 0.3389,
0.3388

111.8742, 0.3324,
0.3365

33.3219, 0.3422,
0.3400

142.1235, 0.3308,
0.3359

22.3732, 0.3465,
0.3414

177.3861, 0.3295,
0.3355

14.1314, 0.3521,
0.3433

218.0465, 0.3284,
0.3350

8.2121, 0.3600,
0.3459

264.4889, 0.3274,
0.3347

4.2310, 0.3719,
0.3495

317.0978, 0.3266,

1.8036, 0.3916,

0.3344

0.3549

376.2576, 0.3258,
0.3341

0.4894, 0.5372,
0.4182

0.0000, 0.0000,
0.0000

64.8778, 0.3363,
0.3379

64.8778, 0.3363,
0.3379

56.1635, 0.3578,
0.3450

74.6407, 0.3183,
0.3312

48.4541, 0.3834,
0.3522

85.4769, 0.3033,
0.3251

41.7154, 0.4135,
0.3592

95.3925, 0.2970,
0.3290

35.9080, 0.4479,
0.3653

■ 30.9898, 0.4858,
0.3696

■ 26.9151, 0.5250,
0.3709

■ 23.6339, 0.5620,
0.3683

■ 21.0902, 0.5926,
0.3613

■ 19.7989, 0.6081,
0.3554

Harmonies

Analogous

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



64.8778, 0.3317, 0.3275



64.8778, 0.3363, 0.3379



64.8778, 0.3344, 0.3462

Triad

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



64.8778, 0.3363, 0.3379



64.8778, 0.3034, 0.3407



64.8778, 0.2987, 0.3086

Complementary

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



64.8778, 0.3363, 0.3379



69.3586, 0.2919, 0.3199

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.



64.8778, 0.2914, 0.3116



64.8778, 0.3363, 0.3379



64.8778, 0.2941, 0.3301

Square

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



64.8778, 0.3363, 0.3379



64.8778, 0.3153, 0.3480



64.8778, 0.2897, 0.3194



64.8778, 0.3098, 0.3109

Rectangle

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



64.8778, 0.3363, 0.3379



64.8778, 0.3298, 0.3493



64.8778, 0.2897, 0.3194



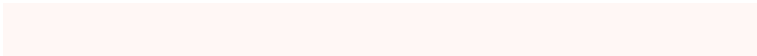
64.8778, 0.2957, 0.3090

Sweetspot

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



64.8807, 0.3363, 0.3379



94.6291, 0.3191, 0.3316



62.2808, 0.3199, 0.3038



20.0436, 0.3204, 0.3321



0.0000, 0.0000, 0.0000



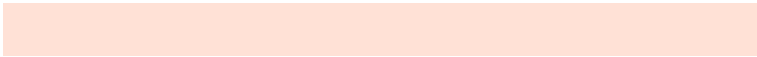
21.4041, 0.3127, 0.3290

Same Dimension

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



64.8807, 0.3363, 0.3379



79.8381, 0.3415, 0.3397



72.5642, 0.3340, 0.3543



14.9705, 0.3286, 0.3351



11.4889, 0.6054, 0.3575



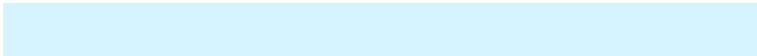
0.9963, 0.5768, 0.3802

Inverse Universe

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



69.3586, 0.2919, 0.3199



86.5216, 0.2879, 0.3181



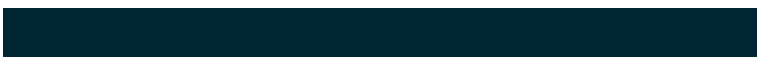
61.6875, 0.2914, 0.3024



15.6727, 0.2981, 0.3228



19.8359, 0.2009, 0.2432



1.6137, 0.2048, 0.2572

Previews

White Background



This preview shows how the Yxy color 64.8778, 0.3363, 0.3379 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 64.8778, 0.3363, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

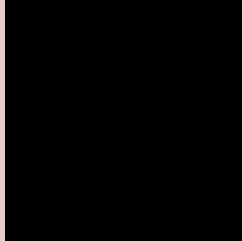
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.8778, 0.3363, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 64.8778, 0.3363, 0.3379.



This preview shows how white text looks on a background with the Yxy color 64.8778, 0.3363, 0.3379.

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

64.8778, 0.3363, 0.3379

Protanopia

65.0150, 0.3250, 0.3404

Deuteranopia

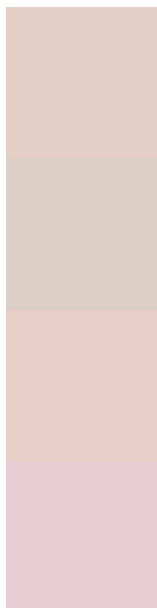
65.1421, 0.3415, 0.3345



Tritanopia

64.9822, 0.3235, 0.3118

Trichromacy



Original Color

64.8778, 0.3363, 0.3379

Protanomaly

65.0966, 0.3289, 0.3403

Deuteranomaly

65.1098, 0.3389, 0.3356

Tritanomaly

64.8778, 0.3285, 0.3214

Monochromacy



Original Color

64.8778, 0.3363, 0.3379

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.5036, 0.3208, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8778, 0.3363, 0.3379 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, 206, 198)` looks like.

```
.text, #text, p{  
    color:rgb(229, 206, 198)  
}
```

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, 206, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 206, 198) }
```

Border

The CSS property to change the border of an element to Yxy 64.8778, 0.3363, 0.3379 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, 206, 198) }
```

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

```
.border{ border-color:rgb(229, 206, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 206, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 206, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 206, 198); box-shadow:4px 4px 4px 4px rgb(229, 206, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8778, 0.3363, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 206, 198) }
```

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

```
.background{ background-color: rgb(229,  
206, 198) }
```

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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