

Converting Colors

$Yxy(66.0909, 0.3344, 0.3376)$

Have a look what the booklet for
Yxy(66.0909, 0.3344, 0.3376)
contains.

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Color

Yxy(65.9399, 0.3346, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	E5D0C8
RGB	229, 208, 200
RGB Percent	90%, 82%, 78%
CMY	0.1019, 0.1843, 0.2158
CMYK	0.00, 0.09, 0.13, 0.10
HSL	17°, 36%, 84%
HSV	17°, 13%, 90%
XYZ	65.2959, 65.9399, 63.9104
YIQ	213.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

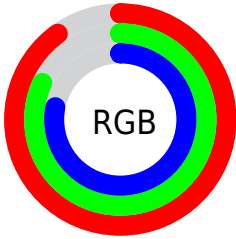
Format	Color
R _Y B	229, 211, 200
Decimal	15061192
CIE Lab	84.97, 5.99, 6.62
CIE LCh	85, 8.927, 47.891
Yxy	65.9399, 0.3346, 0.3379
Android (android.graphics.Color)	4293251272 (0xFFE5D0C8)
YUV	213.3670, -6.5899, 13.7101
Hunter-Lab	81.2034, 1.4265, 10.1787

Details

The Yxy color **65.9399, 0.3346, 0.3379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6400, 0.2931, 0.3199**, and the grayscale version is **66.8373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0708, 0.3397, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **57.2888, 0.3557, 0.3454**, and if you desaturate by 10%, it is **75.6014, 0.3169, 0.3308**.

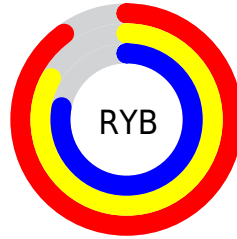
Distribution



Red (90%)

Green (82%)

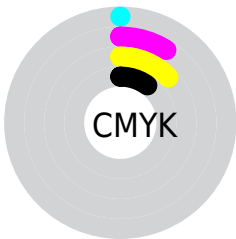
Blue (78%)



Red (90%)

Yellow (83%)

Blue (78%)

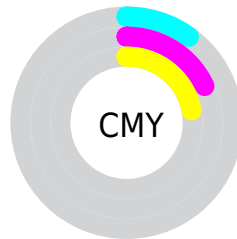


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (10%)



Cyan (10%)


Magenta (18%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9399, 0.3346, 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 65.9399, 0.3346, 0.3379 by changing the saturation by 10% instead.


 65.9399, 0.3346,
0.3379

 65.9399, 0.3346,
0.3379

446.1619, 0.3242,
0.3338

 48.2236, 0.3370,
0.3388


113.4001, 0.3310,
0.3365

 34.0040, 0.3401,
0.3400

143.9127, 0.3296,
0.3359

 22.8967, 0.3440,
0.3414


179.4597, 0.3284,
0.3355

 14.5172, 0.3491,
0.3433

220.4252, 0.3273,
0.3350

 8.4813, 0.3564,
0.3459

267.1939, 0.3264,
0.3347

 4.4044, 0.3672,
0.3496

320.1499, 0.3256,

 1.9023, 0.3850,

0.3343

0.3551

379.6778, 0.3249,
0.3341

0.5497, 0.4939,
0.4060

0.0000, 0.0000,
0.0000

65.9399, 0.3346,
0.3379

65.9399, 0.3346,
0.3379

57.2888, 0.3557,
0.3454

75.6014, 0.3169,
0.3308

49.6064, 0.3806,
0.3531

86.2957, 0.3022,
0.3243

42.8609, 0.4099,
0.3606

95.4013, 0.2970,
0.3290

37.0154, 0.4434,
0.3673

■ 32.0306, 0.4803,
0.3722

■ 27.8639, 0.5187,
0.3741

■ 24.4689, 0.5554,
0.3720

■ 21.7936, 0.5862,
0.3654

■ 20.2522, 0.6040,
0.3586

Harmonies

Analogous

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



65.9399, 0.3307, 0.3284



65.9399, 0.3346, 0.3379



65.9399, 0.3325, 0.3453

Triad

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



65.9399, 0.3346, 0.3379



65.9399, 0.3033, 0.3392



65.9399, 0.3004, 0.3101

Complementary

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



65.9399, 0.3346, 0.3379



69.6400, 0.2931, 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.



65.9399, 0.2933, 0.3126



65.9399, 0.3346, 0.3379



65.9399, 0.2950, 0.3293

Square

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



65.9399, 0.3346, 0.3379



65.9399, 0.3143, 0.3463



65.9399, 0.2913, 0.3195



65.9399, 0.3108, 0.3125

Rectangle

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



65.9399, 0.3346, 0.3379



65.9399, 0.3280, 0.3480



65.9399, 0.2913, 0.3195



65.9399, 0.2975, 0.3104

Sweetspot

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



65.9428, 0.3346, 0.3379



94.7419, 0.3191, 0.3317



63.1910, 0.3198, 0.3059



20.0721, 0.3204, 0.3323



0.0000, 0.0000, 0.0000



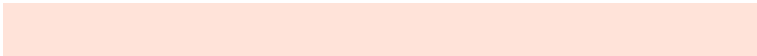
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9428, 0.3346, 0.3379



81.3734, 0.3393, 0.3397



73.2012, 0.3326, 0.3532



15.0133, 0.3286, 0.3356



11.7506, 0.6013, 0.3607



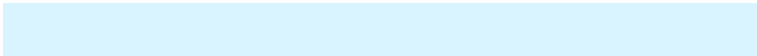
1.0206, 0.5726, 0.3836

Inverse Universe

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



69.6400, 0.2931, 0.3199



86.8903, 0.2894, 0.3181



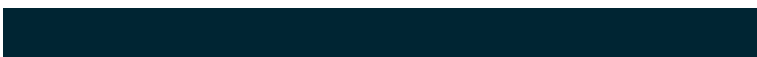
62.4372, 0.2927, 0.3036



15.6272, 0.2981, 0.3223



18.9735, 0.1991, 0.2368



1.5559, 0.2033, 0.2518

Previews

White Background



This preview shows how the Yxy color 65.9399, 0.3346, 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 65.9399, 0.3346, 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 65.9399, 0.3346, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 65.9399, 0.3346, 0.3379.



This preview shows how white text looks on a background with the Yxy color 65.9399, 0.3346, 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

65.9399, 0.3346, 0.3379

Protanopia

65.7582, 0.3243, 0.3392

Deuteranopia

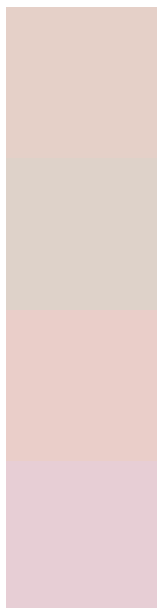
65.8842, 0.3406, 0.3334



Tritanopia

66.0389, 0.3219, 0.3119

Trichromacy



Original Color

65.9399, 0.3346, 0.3379

Protanomaly

65.8398, 0.3281, 0.3391

Deuteranomaly

65.8521, 0.3380, 0.3345

Tritanomaly

65.9356, 0.3268, 0.3215

Monochromacy



Original Color

65.9399, 0.3346, 0.3379

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.2027, 0.3208, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9399, 0.3346, 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, 208, 200)` looks like.

```
.text, #text, p{  
    color:rgb(229, 208, 200)  
}
```

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, 208, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 208, 200) }
```

Border

The CSS property to change the border of an element to Yxy 65.9399, 0.3346, 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, 208, 200) }
```

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

```
.border{ border-color:rgb(229, 208, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 208, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 208, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 208, 200);  
box-shadow:4px 4px 4px 4px rgb(229, 208,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9399, 0.3346, 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, 208, 200) }
```

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

```
.background{ background-color: rgb(229,  
208, 200) }
```

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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