

Converting Colors

Yxy(65.9923, 0.3346, 0.3346)

Have a look what the booklet for
Yxy(65.9923, 0.3346, 0.3346)
contains.

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Color

Yxy(65.8788, 0.3348, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	E7CFCA
RGB	231, 207, 202
RGB Percent	91%, 81%, 79%
CMY	0.0940, 0.1883, 0.2078
CMYK	0.00, 0.10, 0.13, 0.09
HSL	10°, 38%, 85%
HSV	10°, 13%, 91%
XYZ	65.9379, 65.8788, 65.1304
YIQ	213.6060, 15.9090, 3.5330

Conversions

Conversions Part 2

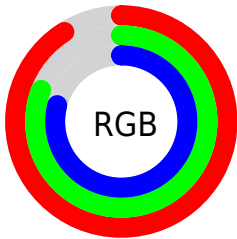
Format	Color
R _Y B	231, 208, 202
Decimal	15192010
CIE Lab	84.93, 7.56, 5.51
CIE LCh	85, 9.357, 36.081
Yxy	65.8788, 0.3348, 0.3345
Android (android.graphics.Color)	4293382090 (0xFFE7CFCA)
YUV	213.6060, -5.7218, 15.2545
Hunter-Lab	81.1658, 2.9707, 9.2395

Details

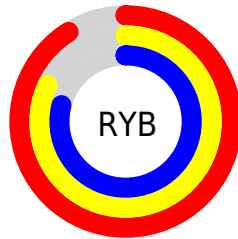
The Yxy color **65.8788, 0.3348, 0.3345** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7570, 0.2934, 0.3234**, and the grayscale version is **67.0024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0345, 0.3400, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **56.1473, 0.3567, 0.3392**, and if you desaturate by 10%, it is **76.9048, 0.3168, 0.3301**.

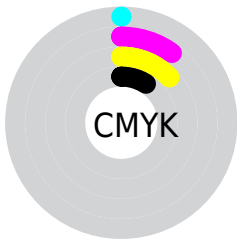
Distribution



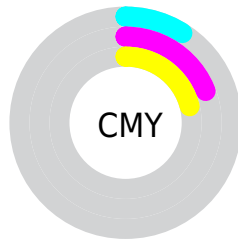
- Red (91%)
- Green (81%)
- Blue (79%)



- Red (91%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (9%)





- Cyan (9%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8788, 0.3348, 0.3345 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 65.8788, 0.3348, 0.3345 by changing the saturation by 10% instead.

 65.8788, 0.3348,
0.3345

 65.8788, 0.3348,
0.3345

445.9433, 0.3243,
0.3320

 48.1740, 0.3373,
0.3351


113.3124, 0.3311,
0.3336

 33.9647, 0.3403,
0.3357


143.8099, 0.3297,
0.3333

 22.8665, 0.3443,
0.3366


179.3406, 0.3285,
0.3330

 14.4950, 0.3495,
0.3377

220.2886, 0.3274,
0.3328

 8.4657, 0.3568,
0.3391

267.0386, 0.3265,
0.3325

 4.3944, 0.3678,
0.3412

319.9747, 0.3257,

 1.8965, 0.3859,

0.3323

0.3441

379.4815, 0.3250,
0.3322

0.5463, 0.4822,
0.3743

0.0000, 0.0000,
0.0000

65.8788, 0.3348,
0.3345

65.8788, 0.3348,
0.3345

56.1473, 0.3567,
0.3392

76.9048, 0.3168,
0.3301

47.6541, 0.3832,
0.3441

89.2612, 0.3020,
0.3260

40.3520, 0.4150,
0.3487

95.7343, 0.2982,
0.3290

34.1874, 0.4519,
0.3528

■ 29.1023, 0.4931,
0.3554

■ 25.0337, 0.5360,
0.3558

■ 21.9121, 0.5761,
0.3533

■ 19.6585, 0.6079,
0.3476

■ 18.4841, 0.6244,
0.3424

Harmonies

Analogous

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



65.8788, 0.3285, 0.3243



65.8788, 0.3348, 0.3345



65.8788, 0.3351, 0.3435

Triad

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



65.8788, 0.3348, 0.3345



65.8788, 0.3072, 0.3431



65.8788, 0.2963, 0.3096

Complementary

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



65.8788, 0.3348, 0.3345



72.7570, 0.2934, 0.3234

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.



65.8788, 0.2908, 0.3141



65.8788, 0.3348, 0.3345



65.8788, 0.2971, 0.3335

Square

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



65.8788, 0.3348, 0.3345



65.8788, 0.3190, 0.3487



65.8788, 0.2911, 0.3229



65.8788, 0.3061, 0.3102

Rectangle

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



65.8788, 0.3348, 0.3345



65.8788, 0.3318, 0.3475



65.8788, 0.2911, 0.3229



65.8788, 0.2939, 0.3106

Sweetspot

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



65.8817, 0.3348, 0.3345



94.0856, 0.3192, 0.3307



64.7474, 0.3176, 0.3031



19.9066, 0.3205, 0.3310



0.0000, 0.0000, 0.0000



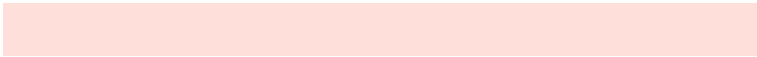
21.4041, 0.3127, 0.3290

Same Dimension

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



65.8817, 0.3348, 0.3345



79.1947, 0.3399, 0.3357



73.1639, 0.3328, 0.3499



14.7651, 0.3288, 0.3331



10.4827, 0.6222, 0.3441



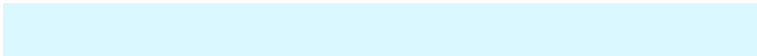
0.8935, 0.5962, 0.3648

Inverse Universe

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



72.7570, 0.2934, 0.3234



89.3428, 0.2896, 0.3222



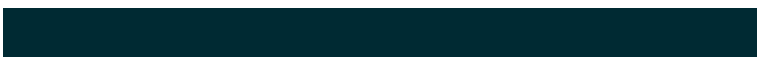
65.2641, 0.2930, 0.3072



15.8940, 0.2981, 0.3249



24.3875, 0.2093, 0.2735



1.9135, 0.2118, 0.2825

Previews

White Background



This preview shows how the Yxy color 65.8788, 0.3348, 0.3345 looks on a white background.

Color Contrast Check

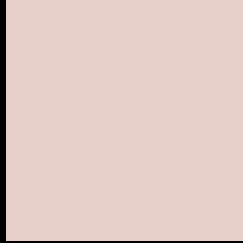
Large Text (above 18pt) WCAG AA × Fail

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 65.8788, 0.3348, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

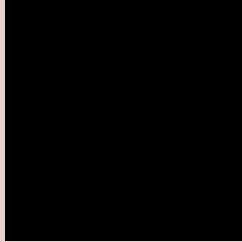
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.8788, 0.3348, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 65.8788, 0.3348, 0.3345.

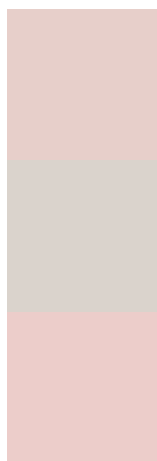


This preview shows how white text looks on a background with the Yxy color 65.8788, 0.3348, 0.3345.

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

65.8788, 0.3348, 0.3345

Protanopia

65.8536, 0.3228, 0.3369

Deuteranopia

65.7598, 0.3390, 0.3323



Tritanopia

65.6767, 0.3235, 0.3119

Trichromacy



Original Color

65.8788, 0.3348, 0.3345

Protanomaly

66.0930, 0.3275, 0.3368

Deuteranomaly

65.8993, 0.3373, 0.3334

Tritanomaly

65.6225, 0.3277, 0.3204

Monochromacy



Original Color

65.8788, 0.3348, 0.3345

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.4573, 0.3201, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8788, 0.3348, 0.3345 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(231, 207, 202)` looks like.

```
.text, #text, p{  
    color:rgb(231, 207, 202)  
}
```

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(231, 207, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 207, 202) }
```

Border

The CSS property to change the border of an element to Yxy 65.8788, 0.3348, 0.3345 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(231, 207, 202) }
```

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

```
.border{ border-color:rgb(231, 207, 202) }
```

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

Here you see how a box with a 4 pixel rgb(231, 207, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 207, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 207, 202);  
box-shadow:4px 4px 4px 4px rgb(231, 207,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8788, 0.3348, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 207, 202) }
```

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

```
.background{ background-color: rgb(231,  
207, 202) }
```

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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