

Converting Colors

Yxy(65.5594, 0.3446, 0.3343)

Have a look what the booklet for
Yxy(65.5594, 0.3446, 0.3343)
contains.

Yxy(65.8345, 0.3446, 0.3345)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.8345, 0.3446, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	F0CCC7
RGB	240, 204, 199
RGB Percent	94%, 80%, 78%
CMY	0.0590, 0.1999, 0.2197
CMYK	0.00, 0.15, 0.17, 0.06
HSL	7°, 58%, 86%
HSV	7°, 17%, 94%
XYZ	67.8223, 65.8345, 63.1578
YIQ	214.1940, 23.0610, 6.0770

Conversions

Conversions Part 2

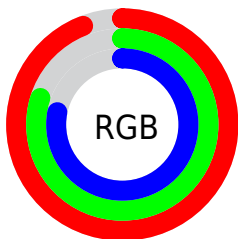
Format	Color
R _Y B	240, 205, 199
Decimal	15781063
CIE Lab	84.91, 11.84, 7.19
CIE LCh	85, 13.849, 31.277
Yxy	65.8345, 0.3446, 0.3345
Android (android.graphics.Color)	4293971143 (0xFFFF0CCC7)
YUV	214.1940, -7.4906, 22.6319
Hunter-Lab	81.1385, 7.2130, 10.6458

Details

The Yxy color **65.8345, 0.3446, 0.3345** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.7940, 0.2867, 0.3234**, and the grayscale version is **67.4205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0474, 0.3532, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **55.4710, 0.3691, 0.3380**, and if you desaturate by 10%, it is **77.7313, 0.3246, 0.3312**.

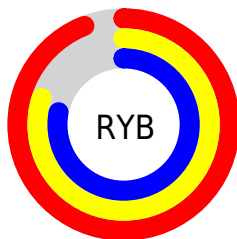
Distribution



Red (94%)

Green (80%)

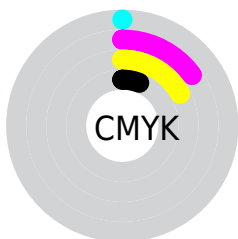
Blue (78%)



Red (94%)

Yellow (80%)

Blue (78%)

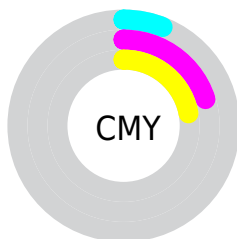


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (6%)



Cyan (6%)


Magenta (20%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8345, 0.3446, 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 65.8345, 0.3446, 0.3345 by changing the saturation by 10% instead.

 65.8345, 0.3446,
0.3345

 65.8345, 0.3446,
0.3345

445.7848, 0.3295,
0.3321

 48.1381, 0.3482,
0.3350


113.2488, 0.3393,
0.3337

 33.9362, 0.3526,
0.3356


143.7354, 0.3372,
0.3334

 22.8446, 0.3583,
0.3364


179.2542, 0.3355,
0.3331

 14.4788, 0.3659,
0.3373

220.1896, 0.3340,
0.3329

 8.4544, 0.3765,
0.3384

266.9259, 0.3326,
0.3326

 4.3871, 0.3924,
0.3397

319.8476, 0.3314,

 1.8924, 0.4185,

0.3324

0.3411

379.3391, 0.3304,
0.3323

0.5438, 0.5600,
0.3779

0.0000, 0.0000,
0.0000

65.8345, 0.3446,
0.3345

65.8345, 0.3446,
0.3345

55.4710, 0.3691,
0.3380

77.7313, 0.3246,
0.3312

46.5698, 0.3990,
0.3415

91.2109, 0.3083,
0.3281

39.0676, 0.4346,
0.3447

97.2561, 0.3035,
0.3290

32.8930, 0.4755,
0.3471

■ 27.9683, 0.5200,
0.3481

■ 24.2076, 0.5637,
0.3471

■ 21.5140, 0.6009,
0.3437

■ 19.7739, 0.6259,
0.3384

■ 19.4202, 0.6312,
0.3370

Harmonies

Analogous

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



65.8345, 0.3339, 0.3198



65.8345, 0.3446, 0.3345



65.8345, 0.3465, 0.3483

Triad

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



65.8345, 0.3446, 0.3345



65.8345, 0.3072, 0.3519



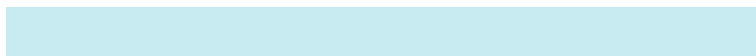
65.8345, 0.2867, 0.3010

Complementary

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



65.8345, 0.3446, 0.3345



77.7940, 0.2867, 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.



65.8345, 0.2800, 0.3086



65.8345, 0.3446, 0.3345



65.8345, 0.2917, 0.3382

Square

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



65.8345, 0.3446, 0.3345



65.8345, 0.3246, 0.3590



65.8345, 0.2818, 0.3221



65.8345, 0.3003, 0.3008

Rectangle

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



65.8345, 0.3446, 0.3345



65.8345, 0.3425, 0.3551



65.8345, 0.2818, 0.3221



65.8345, 0.2836, 0.3027

Sweetspot

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



65.8375, 0.3446, 0.3345



92.2778, 0.3210, 0.3305



65.3658, 0.3181, 0.2914



19.5269, 0.3222, 0.3308



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.



65.8375, 0.3446, 0.3345



71.8476, 0.3514, 0.3355



76.0832, 0.3410, 0.3557



16.0720, 0.3290, 0.3320



10.7373, 0.6294, 0.3384



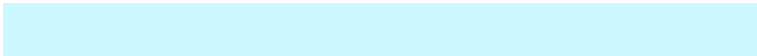
0.9934, 0.6098, 0.3540

Inverse Universe

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



77.7940, 0.2867, 0.3234



87.6403, 0.2823, 0.3224



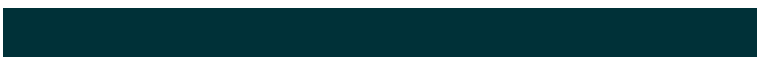
66.8718, 0.2856, 0.3008



17.5777, 0.2981, 0.3260



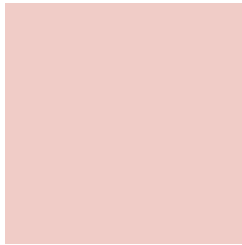
28.9401, 0.2138, 0.2897



2.4999, 0.2154, 0.2954

Previews

White Background



This preview shows how the Yxy color 65.8345, 0.3446, 0.3345 looks on a white background.

Color Contrast Check

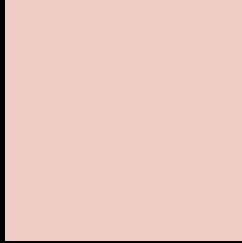
Large Text (above 18pt) WCAG AA × Fail

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 65.8345, 0.3446, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

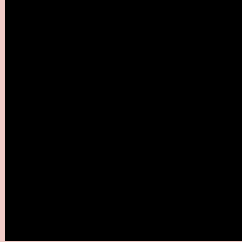
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

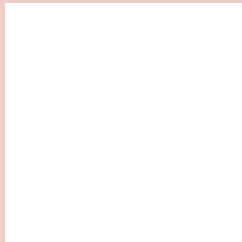
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8345, 0.3446, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 65.8345, 0.3446, 0.3345.



This preview shows how white text looks on a background with the Yxy color 65.8345, 0.3446, 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

65.8345, 0.3446, 0.3345

Protanopia

65.8058, 0.3236, 0.3380

Deuteranopia

65.9633, 0.3429, 0.3356



Tritanopia

65.6603, 0.3330, 0.3122

Trichromacy



Original Color

65.8345, 0.3446, 0.3345

Protanomaly

65.5448, 0.3308, 0.3357

Deuteranomaly

66.1369, 0.3437, 0.3355

Tritanomaly

65.5950, 0.3374, 0.3206

Monochromacy



Original Color

65.8345, 0.3446, 0.3345

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.3846, 0.3232, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8345, 0.3446, 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(240, 204, 199)` looks like.

```
.text, #text, p{  
    color:rgb(240, 204, 199)  
}
```

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(240, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 204, 199) }
```

Border

The CSS property to change the border of an element to Yxy 65.8345, 0.3446, 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(240, 204, 199) }
```

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

```
.border{ border-color:rgb(240, 204, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 204, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 204, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 204, 199);  
box-shadow:4px 4px 4px 4px rgb(240, 204,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8345, 0.3446, 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(240, 204, 199) }
```

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

```
.background{ background-color: rgb(240,  
204, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor