

Converting Colors

Yxy(64.8698, 0.3322, 0.3170)

Have a look what the booklet for
Yxy(64.8698, 0.3322, 0.3170)
contains.

Yxy(65.0497, 0.3319, 0.3173)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.0497, 0.3319, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	EDCAD5
RGB	237, 202, 213
RGB Percent	93%, 79%, 84%
CMY	0.0708, 0.2077, 0.1647
CMYK	0.00, 0.15, 0.10, 0.07
HSL	341°, 49%, 86%
HSV	341°, 15%, 93%
XYZ	68.0428, 65.0497, 71.9175
YIQ	213.7190, 17.3290, 10.8410

Conversions

Conversions Part 2

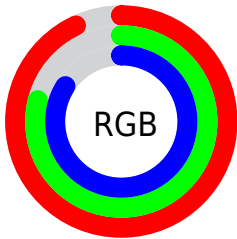
Format	Color
R _Y B	237, 202, 213
Decimal	15583957
CIE Lab	84.51, 14.06, -0.88
CIE LCh	85, 14.083, 356.401
Yxy	65.0497, 0.3319, 0.3173
Android (android.graphics.Color)	4293774037 (0xFFEDCAD5)
YUV	213.7190, -0.3545, 20.4174
Hunter-Lab	80.6534, 9.4472, 3.5893

Details

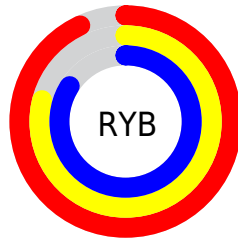
The Yxy color **65.0497, 0.3319, 0.3173** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.5894, 0.2966, 0.3410**, and the grayscale version is **67.0388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4722, 0.3372, 0.3151** is the 20% darker color. If you saturate the color by 10%, you get **53.9877, 0.3486, 0.3088**, and if you desaturate by 10%, it is **77.9074, 0.3183, 0.3254**.

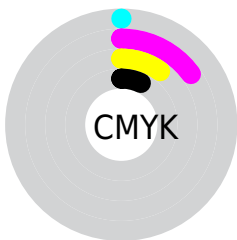
Distribution



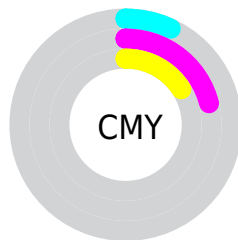
- Red (93%)
- Green (79%)
- Blue (84%)



- Red (93%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (7%)





- Cyan (7%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0497, 0.3319, 0.3173 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 65.0497, 0.3319, 0.3173 by changing the saturation by 10% instead.


 65.0497, 0.3319,
0.3173

 65.0497, 0.3319,
0.3173

442.9705, 0.3229,
0.3228

 47.5014, 0.3340,
0.3160


112.1213, 0.3287,
0.3192

 33.4322, 0.3366,
0.3144


142.4134, 0.3275,
0.3200

 22.4577, 0.3400,
0.3124


177.7222, 0.3264,
0.3206

 14.1936, 0.3445,
0.3097

218.4321, 0.3255,
0.3212

 8.2555, 0.3508,
0.3059

264.9275, 0.3247,
0.3217

 4.2588, 0.3601,
0.3003

317.5927, 0.3240,

 1.8194, 0.3754,

0.3221

0.2912

376.8123, 0.3234,
0.3225

0.4992, 0.4254,
0.2597

0.0000, 0.0000,
0.0000

65.0497, 0.3319,
0.3173

65.0497, 0.3319,
0.3173

53.9877, 0.3486,
0.3088

77.9074, 0.3183,
0.3254

44.6327, 0.3690,
0.3002

92.6271, 0.3072,
0.3329

36.9015, 0.3936,
0.2920

96.7360, 0.3017,
0.3290

30.7004, 0.4225,
0.2849

■ 25.9258, 0.4555,
0.2799

■ 22.4616, 0.4911,
0.2783

■ 20.1729, 0.5270,
0.2812

■ 18.8947, 0.5597,
0.2889

■ 18.4964, 0.5751,
0.2942

Harmonies

Analogous

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



65.0497, 0.3147, 0.3056



65.0497, 0.3319, 0.3173



65.0497, 0.3441, 0.3321

Triad

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



65.0497, 0.3319, 0.3173



65.0497, 0.3275, 0.3600



65.0497, 0.2791, 0.3100

Complementary

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



65.0497, 0.3319, 0.3173



78.5894, 0.2966, 0.3410

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.



65.0497, 0.2823, 0.3246



65.0497, 0.3319, 0.3173



65.0497, 0.3100, 0.3541

Square

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



65.0497, 0.3319, 0.3173



65.0497, 0.3414, 0.3570



65.0497, 0.2935, 0.3409



65.0497, 0.2845, 0.3012

Rectangle

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



65.0497, 0.3319, 0.3173



65.0497, 0.3475, 0.3421



65.0497, 0.2935, 0.3409



65.0497, 0.2792, 0.3144

Sweetspot

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



65.0526, 0.3319, 0.3173



93.2215, 0.3174, 0.3259



64.5152, 0.3062, 0.2916



19.6889, 0.3183, 0.3253



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.



65.0526, 0.3319, 0.3173



72.2658, 0.3371, 0.3145



67.5820, 0.3392, 0.3360



15.1320, 0.3244, 0.3216



10.1240, 0.5708, 0.2918



0.8118, 0.5316, 0.2702

Inverse Universe

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



65.0526, 0.3319, 0.3173



72.2658, 0.3371, 0.3145



75.5703, 0.2901, 0.3219



15.1320, 0.3244, 0.3216



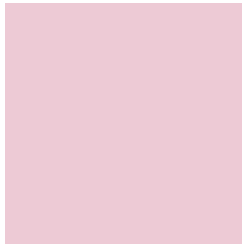
10.1240, 0.5708, 0.2918



0.8118, 0.5316, 0.2702

Previews

White Background



This preview shows how the Yxy color 65.0497, 0.3319, 0.3173 looks on a white background.

Color Contrast Check

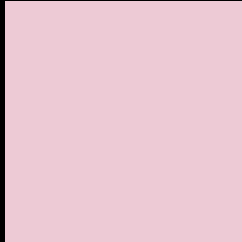
Large Text (above 18pt) WCAG AA × Fail

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 65.0497, 0.3319, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

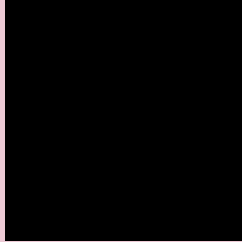
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0497, 0.3319, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 65.0497, 0.3319, 0.3173.



This preview shows how white text looks on a background with the Yxy color 65.0497, 0.3319, 0.3173.

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

65.0497, 0.3319, 0.3173

Protanopia

65.3013, 0.3094, 0.3200

Deuteranopia

64.9788, 0.3270, 0.3193



Tritanopia

64.7876, 0.3291, 0.3120

Trichromacy



Original Color

65.0497, 0.3319, 0.3173

Protanomaly

65.1131, 0.3177, 0.3191

Deuteranomaly

64.8396, 0.3287, 0.3182

Tritanomaly

64.7357, 0.3298, 0.3130

Monochromacy



Original Color

65.0497, 0.3319, 0.3173

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.4778, 0.3189, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0497, 0.3319, 0.3173 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(237, 202, 213)` looks like.

```
.text, #text, p{  
    color:rgb(237, 202, 213)  
}
```

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(237, 202, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 202, 213) }
```

Border

The CSS property to change the border of an element to Yxy 65.0497, 0.3319, 0.3173 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(237, 202, 213) }
```

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

```
.border{ border-color:rgb(237, 202, 213) }
```

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

Here you see how a box with a 4 pixel rgb(237, 202, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 202, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 202, 213);  
box-shadow:4px 4px 4px 4px rgb(237, 202,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0497, 0.3319, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 202, 213) }
```

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

```
.background{ background-color: rgb(237,  
202, 213) }
```

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