

Converting Colors

Yxy(66.6439, 0.3324, 0.3205)

Have a look what the booklet for
Yxy(66.6439, 0.3324, 0.3205)
contains.

Yxy(66.6439, 0.3324, 0.3205)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.6439, 0.3324, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	EECDD5
RGB	238, 205, 213
RGB Percent	93%, 80%, 84%
CMY	0.0664, 0.1962, 0.1647
CMYK	0.00, 0.14, 0.11, 0.07
HSL	345°, 49%, 87%
HSV	345°, 14%, 93%
XYZ	69.1184, 66.6439, 72.1750
YIQ	215.7790, 17.1000, 9.4840

Conversions

Conversions Part 2

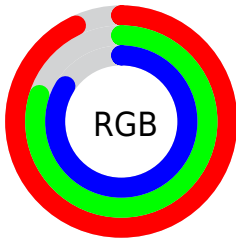
Format	Color
R _Y B	238, 205, 213
Decimal	15650261
CIE Lab	85.32, 12.89, 0.31
CIE LCh	85, 12.893, 1.389
Yxy	66.6439, 0.3324, 0.3205
Android (android.graphics.Color)	4293840341 (0xFFEECDD5)
YUV	215.7790, -1.3700, 19.4878
Hunter-Lab	81.6357, 8.2677, 4.7261

Details

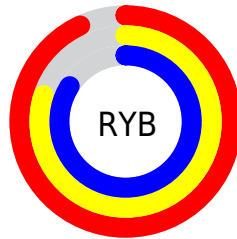
The Yxy color **66.6439, 0.3324, 0.3205** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.8798, 0.2961, 0.3377**, and the grayscale version is **68.5180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5469, 0.3377, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **55.2465, 0.3506, 0.3140**, and if you desaturate by 10%, it is **79.8818, 0.3177, 0.3267**.

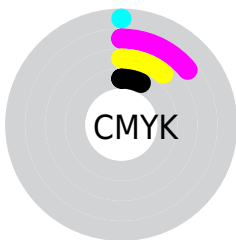
Distribution



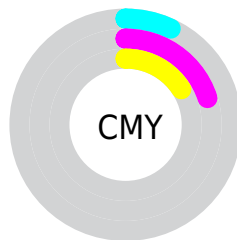
- Red (93%)
- Green (80%)
- Blue (84%)



- Red (93%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (7%)





- Cyan (7%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6439, 0.3324, 0.3205 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 66.6439, 0.3324, 0.3205 by changing the saturation by 10% instead.


 66.6439, 0.3324,
0.3205

 66.6439, 0.3324,
0.3205

448.6762, 0.3231,
0.3245

 48.7953, 0.3346,
0.3196

114.4100, 0.3292,
0.3219

 34.4571, 0.3372,
0.3184


145.0963, 0.3279,
0.3225

 23.2450, 0.3407,
0.3169


180.8306, 0.3268,
0.3229

 14.7745, 0.3453,
0.3149

221.9973, 0.3259,
0.3233

 8.6613, 0.3516,
0.3121

268.9808, 0.3251,
0.3237

 4.5209, 0.3610,
0.3080

322.1656, 0.3244,

 1.9690, 0.3764,

0.3240

0.3012

381.9359, 0.3237,
0.3243

0.5894, 0.4199,
0.2827

0.0000, 0.0000,
0.0000

66.6439, 0.3324,
0.3205

66.6439, 0.3324,
0.3205

55.2465, 0.3506,
0.3140

79.8818, 0.3177,
0.3267

45.5994, 0.3729,
0.3073

95.0276, 0.3057,
0.3325

37.6180, 0.4000,
0.3009

96.9287, 0.3024,
0.3290

31.2072, 0.4321,
0.2955

■ 26.2622, 0.4687,
0.2919

■ 22.6655, 0.5082,
0.2912

■ 20.2810, 0.5473,
0.2945

■ 18.9437, 0.5816,
0.3018

■ 18.4916, 0.5990,
0.3073

Harmonies

Analogous

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



66.6439, 0.3173, 0.3091



66.6439, 0.3324, 0.3205



66.6439, 0.3423, 0.3342

Triad

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



66.6439, 0.3324, 0.3205



66.6439, 0.3237, 0.3568



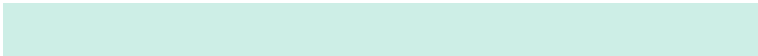
66.6439, 0.2824, 0.3101

Complementary

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



66.6439, 0.3324, 0.3205



79.8798, 0.2961, 0.3377

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.



66.6439, 0.2840, 0.3226



66.6439, 0.3324, 0.3205



66.6439, 0.3076, 0.3502

Square

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



66.6439, 0.3324, 0.3205



66.6439, 0.3371, 0.3554



66.6439, 0.2932, 0.3374



66.6439, 0.2886, 0.3030

Rectangle

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



66.6439, 0.3324, 0.3205



66.6439, 0.3444, 0.3430



66.6439, 0.2932, 0.3374



66.6439, 0.2820, 0.3138

Sweetspot

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



66.6469, 0.3324, 0.3205



93.1762, 0.3178, 0.3266



66.6198, 0.3082, 0.2940



19.6775, 0.3188, 0.3262



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.



66.6469, 0.3324, 0.3205



73.4550, 0.3377, 0.3185



70.3113, 0.3372, 0.3379



15.8217, 0.3255, 0.3233



10.3269, 0.5952, 0.3052



0.8743, 0.5585, 0.2850

Inverse Universe

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



66.6469, 0.3324, 0.3205



73.4550, 0.3377, 0.3185



75.6332, 0.2913, 0.3199



15.8217, 0.3255, 0.3233



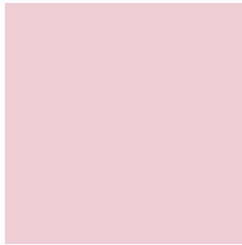
10.3269, 0.5952, 0.3052



0.8743, 0.5585, 0.2850

Previews

White Background



This preview shows how the Yxy color 66.6439, 0.3324, 0.3205 looks on a white background.

Color Contrast Check

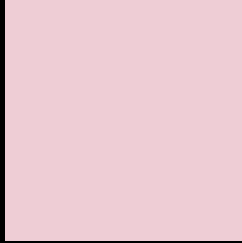
Large Text (above 18pt) WCAG AA × Fail

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 66.6439, 0.3324, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

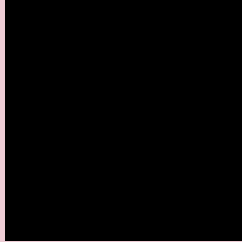
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6439, 0.3324, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 66.6439, 0.3324, 0.3205.



This preview shows how white text looks on a background with the Yxy color 66.6439, 0.3324, 0.3205.

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

66.6439, 0.3324, 0.3205

Protanopia

66.6957, 0.3122, 0.3234

Deuteranopia

66.9222, 0.3290, 0.3226



Tritanopia

66.7038, 0.3281, 0.3121

Trichromacy



Original Color

66.6439, 0.3324, 0.3205

Protanomaly

66.4061, 0.3191, 0.3213

Deuteranomaly

66.6089, 0.3299, 0.3215

Tritanomaly

66.5462, 0.3303, 0.3153

Monochromacy



Original Color

66.6439, 0.3324, 0.3205

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.8406, 0.3195, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6439, 0.3324, 0.3205 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(238, 205, 213)` looks like.

```
.text, #text, p{  
    color:rgb(238, 205, 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(238, 205, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 205, 213) }
```

Border

The CSS property to change the border of an element to Yxy 66.6439, 0.3324, 0.3205 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(238, 205, 213) }
```

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

```
.border{ border-color:rgb(238, 205, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 205, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 205, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 205, 213);  
box-shadow:4px 4px 4px 4px rgb(238, 205,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6439, 0.3324, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 205, 213) }
```

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

```
.background{ background-color: rgb(238,  
205, 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