

Converting Colors

Yxy(66.9506, 0.3284, 0.3165)

Have a look what the booklet for
Yxy(66.9506, 0.3284, 0.3165)
contains.

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Color

Yxy(67.1569, 0.3285, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	EDCED9
RGB	237, 206, 217
RGB Percent	93%, 81%, 85%
CMY	0.0705, 0.1922, 0.1489
CMYK	0.00, 0.13, 0.08, 0.07
HSL	339°, 46%, 87%
HSV	339°, 13%, 93%
XYZ	69.5274, 67.1569, 74.9668
YIQ	216.5230, 14.9450, 9.9930

Conversions

Conversions Part 2

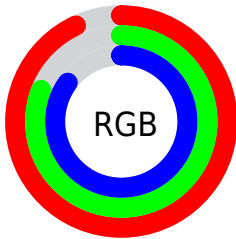
Format	Color
R _Y B	237, 206, 217
Decimal	15584985
CIE Lab	85.58, 12.66, -1.46
CIE LCh	86, 12.741, 353.418
Yxy	67.1569, 0.3285, 0.3173
Android (android.graphics.Color)	4293775065 (0xFFEDCED9)
YUV	216.5230, 0.2352, 17.9583
Hunter-Lab	81.9493, 8.0316, 3.1263

Details

The Yxy color **67.1569, 0.3285, 0.3173** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1874, 0.2991, 0.3410**, and the grayscale version is **69.0392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.8889, 0.3326, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **55.8375, 0.3437, 0.3078**, and if you desaturate by 10%, it is **80.2764, 0.3161, 0.3263**.

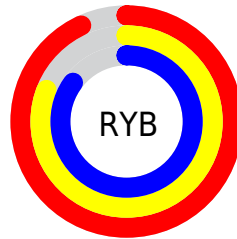
Distribution



Red (93%)

Green (81%)

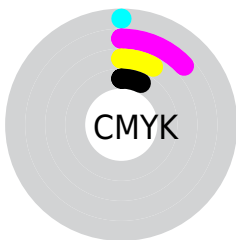
Blue (85%)



Red (93%)

Yellow (81%)

Blue (85%)

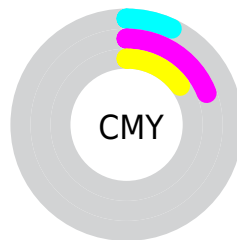


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (7%)



Cyan (7%)


Magenta (19%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1569, 0.3285, 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 67.1569, 0.3285, 0.3173 by changing the saturation by 10% instead.


 67.1569, 0.3285,
0.3173

 67.1569, 0.3285,
0.3173

450.5031, 0.3211,
0.3228

 49.2121, 0.3302,
0.3160


115.1452, 0.3259,
0.3192

 34.7878, 0.3323,
0.3145


145.9575, 0.3249,
0.3199

 23.4995, 0.3351,
0.3125


181.8279, 0.3241,
0.3206

 14.9627, 0.3387,
0.3098

223.1406, 0.3233,
0.3211

 8.7932, 0.3436,
0.3062

270.2800, 0.3227,
0.3216

 4.6066, 0.3510,
0.3009

323.6307, 0.3221,

 2.0183, 0.3629,

0.3220

0.2924

383.5769, 0.3216,
0.3224

0.6181, 0.3918,
0.2698

0.0000, 0.0000,
0.0000

67.1569, 0.3285,
0.3173

67.1569, 0.3285,
0.3173

55.8375, 0.3437,
0.3078

80.2764, 0.3161,
0.3263

46.2305, 0.3622,
0.2981

95.2610, 0.3059,
0.3347

38.2543, 0.3844,
0.2886

96.7469, 0.3017,
0.3290

31.8169, 0.4106,
0.2801

■ 26.8172, 0.4406,
0.2737

■ 23.1418, 0.4734,
0.2707

■ 20.6599, 0.5072,
0.2721

■ 19.2135, 0.5393,
0.2787

■ 18.6524, 0.5594,
0.2855

Harmonies

Analogous

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



67.1569, 0.3129, 0.3072



67.1569, 0.3285, 0.3173



67.1569, 0.3400, 0.3305

Triad

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



67.1569, 0.3285, 0.3173



67.1569, 0.3275, 0.3568



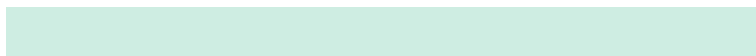
67.1569, 0.2825, 0.3132

Complementary

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



67.1569, 0.3285, 0.3173



79.1874, 0.2991, 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.



67.1569, 0.2862, 0.3265



67.1569, 0.3285, 0.3173



67.1569, 0.3119, 0.3523

Square

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



67.1569, 0.3285, 0.3173



67.1569, 0.3393, 0.3534



67.1569, 0.2968, 0.3410



67.1569, 0.2866, 0.3046

Rectangle

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



67.1569, 0.3285, 0.3173



67.1569, 0.3436, 0.3395



67.1569, 0.2968, 0.3410



67.1569, 0.2828, 0.3173

Sweetspot

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



67.1599, 0.3285, 0.3173



93.2479, 0.3171, 0.3255



66.3674, 0.3059, 0.2959



19.6956, 0.3180, 0.3249



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.



67.1599, 0.3285, 0.3173



75.0959, 0.3327, 0.3145



68.6219, 0.3361, 0.3335



15.1426, 0.3237, 0.3206



10.2049, 0.5551, 0.2831



0.8191, 0.5167, 0.2620

Inverse Universe

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



67.1599, 0.3285, 0.3173



75.0959, 0.3327, 0.3145



77.4456, 0.2926, 0.3245



15.1426, 0.3237, 0.3206



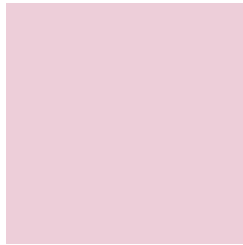
10.2049, 0.5551, 0.2831



0.8191, 0.5167, 0.2620

Previews

White Background



This preview shows how the Yxy color 67.1569, 0.3285, 0.3173 looks on a white background.

Color Contrast Check

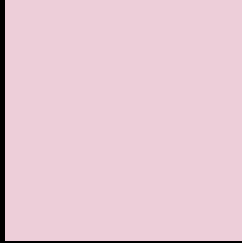
Large Text (above 18pt) WCAG AA × Fail

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 67.1569, 0.3285, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

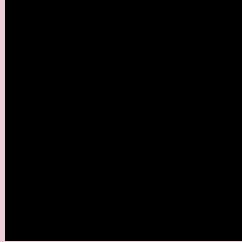
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.1569, 0.3285, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 67.1569, 0.3285, 0.3173.



This preview shows how white text looks on a background with the Yxy color 67.1569, 0.3285, 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

67.1569, 0.3285, 0.3173

Protanopia

67.4079, 0.3095, 0.3201

Deuteranopia

66.9590, 0.3253, 0.3183



Tritanopia

67.0602, 0.3265, 0.3121

Trichromacy



Original Color

67.1569, 0.3285, 0.3173

Protanomaly

67.1078, 0.3162, 0.3181

Deuteranomaly

67.1278, 0.3261, 0.3183

Tritanomaly

67.0071, 0.3272, 0.3132

Monochromacy



Original Color

67.1569, 0.3285, 0.3173

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.4455, 0.3181, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1569, 0.3285, 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, 206, 217)` looks like.

```
.text, #text, p{  
    color:rgb(237, 206, 217)  
}
```

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, 206, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 206, 217) }
```

Border

The CSS property to change the border of an element to Yxy 67.1569, 0.3285, 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, 206, 217) }
```

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

```
.border{ border-color:rgb(237, 206, 217) }
```

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

Here you see how a box with a 4 pixel rgb(237, 206, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 206, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 206, 217);  
box-shadow:4px 4px 4px 4px rgb(237, 206,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1569, 0.3285, 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, 206, 217) }
```

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

```
.background{ background-color: rgb(237,  
206, 217) }
```

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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