

Converting Colors

Yxy(66.2543, 0.3215, 0.3160)

Have a look what the booklet for
Yxy(66.2543, 0.3215, 0.3160)
contains.

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Color

Yxy(66.3981, 0.3209, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	E5CFDB
RGB	229, 207, 219
RGB Percent	90%, 81%, 86%
CMY	0.1017, 0.1883, 0.1411
CMYK	0.00, 0.10, 0.04, 0.10
HSL	327°, 30%, 85%
HSV	327°, 10%, 90%
XYZ	67.4277, 66.3981, 76.2948
YIQ	214.9460, 9.2600, 8.3960

Conversions

Conversions Part 2

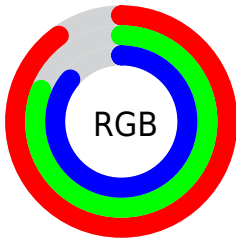
Format	Color
R _Y B	229, 207, 219
Decimal	15060955
CIE Lab	85.20, 9.73, -3.16
CIE LCh	85, 10.230, 342.013
Yxy	66.3981, 0.3209, 0.3160
Android (android.graphics.Color)	4293251035 (0xFFE5CFDB)
YUV	214.9460, 1.9986, 12.3254
Hunter-Lab	81.4850, 5.1074, 1.5260

Details

The Yxy color **66.3981, 0.3209, 0.3160** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3444, 0.3053, 0.3424**, and the grayscale version is **67.9046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3470, 0.3224, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **55.5651, 0.3311, 0.3018**, and if you desaturate by 10%, it is **78.8812, 0.3124, 0.3295**.

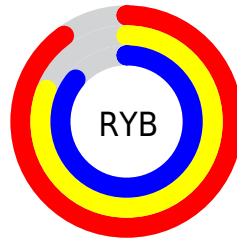
Distribution



Red (90%)

Green (81%)

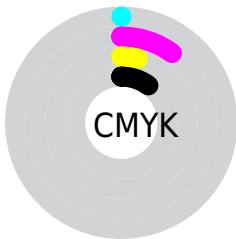
Blue (86%)



Red (90%)

Yellow (81%)

Blue (86%)

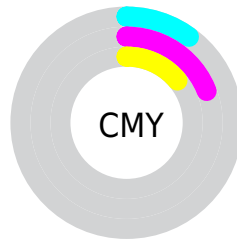


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (10%)



Cyan (10%)


Magenta (19%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3981, 0.3209, 0.3160 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 66.3981, 0.3209, 0.3160 by changing the saturation by 10% instead.


 66.3981, 0.3209,
0.3160

 66.3981, 0.3209,
0.3160


447.7993, 0.3171,
0.3221

 48.5956, 0.3218,
0.3146

114.0575, 0.3196,
0.3181

 34.2988, 0.3229,
0.3129


144.6833, 0.3191,
0.3189

 23.1233, 0.3243,
0.3107


180.3523, 0.3186,
0.3196

 14.6845, 0.3261,
0.3078

221.4488, 0.3182,
0.3202

 8.5983, 0.3286,
0.3038

268.3575, 0.3179,
0.3208

 4.4801, 0.3324,
0.2980

321.4625, 0.3176,

 1.9456, 0.3383,

0.3213

0.2887

381.1483, 0.3173,
0.3217

■ 0.5756, 0.3554,
0.2607

■ 0.0000, 0.0000,
0.0000

■ 66.3981, 0.3209,
0.3160

■ 66.3981, 0.3209,
0.3160

■ 55.5651, 0.3311,
0.3018

■ 78.8812, 0.3124,
0.3295

■ 46.3038, 0.3432,
0.2873

■ 93.0713, 0.3054,
0.3421

■ 38.5425, 0.3575,
0.2728

■ 95.1061, 0.2996,
0.3337

■ 32.2005, 0.3741,
0.2592

■ 95.4075, 0.2970,
0.3290

■ 27.1893, 0.3929,
0.2475

■ 23.4104, 0.4136,
0.2388

■ 20.7515, 0.4354,
0.2345

■ 19.0795, 0.4573,
0.2353

■ 18.1740, 0.4786,
0.2412

Harmonies

Analogous

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



66.3981, 0.3080, 0.3093



66.3981, 0.3209, 0.3160



66.3981, 0.3317, 0.3261

Triad

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



66.3981, 0.3209, 0.3160



66.3981, 0.3288, 0.3510



66.3981, 0.2886, 0.3201

Complementary

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



66.3981, 0.3209, 0.3160



74.3444, 0.3053, 0.3424

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.



66.3981, 0.2940, 0.3316



66.3981, 0.3209, 0.3160



66.3981, 0.3170, 0.3498

Square

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



66.3981, 0.3209, 0.3160



66.3981, 0.3363, 0.3463



66.3981, 0.3043, 0.3426



66.3981, 0.2896, 0.3114

Rectangle

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



66.3981, 0.3209, 0.3160



66.3981, 0.3362, 0.3335



66.3981, 0.3043, 0.3426



66.3981, 0.2898, 0.3238

Sweetspot

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



66.4010, 0.3209, 0.3160



94.9938, 0.3151, 0.3250



65.0172, 0.3049, 0.3047



20.0533, 0.3158, 0.3239



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.



66.4010, 0.3209, 0.3160



81.1428, 0.3232, 0.3126



65.8437, 0.3288, 0.3278



14.4989, 0.3207, 0.3163



10.3939, 0.4763, 0.2397



0.7868, 0.4474, 0.2238

Inverse Universe

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



66.4010, 0.3209, 0.3160



81.1428, 0.3232, 0.3126



74.9325, 0.2986, 0.3302



14.4989, 0.3207, 0.3163



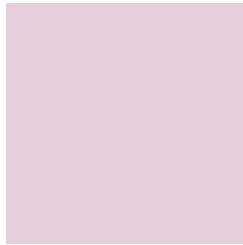
10.3939, 0.4763, 0.2397



0.7868, 0.4474, 0.2238

Previews

White Background



This preview shows how the Yxy color 66.3981, 0.3209, 0.3160 looks on a white background.

Color Contrast Check

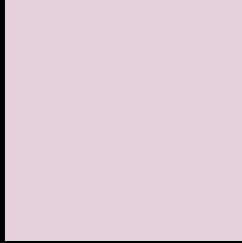
Large Text (above 18pt) WCAG AA × Fail

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 66.3981, 0.3209, 0.3160 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 66.3981, 0.3209, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 66.3981, 0.3209, 0.3160.



This preview shows how white text looks on a background with the Yxy color 66.3981, 0.3209, 0.3160.

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

66.3981, 0.3209, 0.3160

Protanopia

66.6570, 0.3074, 0.3179

Deuteranopia

66.2460, 0.3225, 0.3150



Tritanopia

66.2933, 0.3189, 0.3107

Trichromacy



Original Color

66.3981, 0.3209, 0.3160

Protanomaly

66.3737, 0.3118, 0.3169

Deuteranomaly

66.0801, 0.3217, 0.3150

Tritanomaly

66.2395, 0.3196, 0.3118

Monochromacy



Original Color

66.3981, 0.3209, 0.3160

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.2605, 0.3159, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3981, 0.3209, 0.3160 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(229, 207, 219)` looks like.

```
.text, #text, p{  
    color:rgb(229, 207, 219)  
}
```

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(229, 207, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 207, 219) }
```

Border

The CSS property to change the border of an element to Yxy 66.3981, 0.3209, 0.3160 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(229, 207, 219) }
```

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

```
.border{ border-color:rgb(229, 207, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 207, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 207, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 207, 219);  
box-shadow:4px 4px 4px 4px rgb(229, 207,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3981, 0.3209, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 207, 219) }
```

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

```
.background{ background-color: rgb(229,  
207, 219) }
```

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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