

Converting Colors

Yxy(63.8681, 0.3305, 0.3291)

Have a look what the booklet for
Yxy(63.8681, 0.3305, 0.3291)
contains.

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Color

Yxy(63.8763, 0.3306, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	E3CCCC
RGB	227, 204, 204
RGB Percent	89%, 80%, 80%
CMY	0.1098, 0.2000, 0.2001
CMYK	0.00, 0.10, 0.10, 0.11
HSL	0°, 29%, 85%
HSV	0°, 10%, 89%
XYZ	64.1674, 63.8763, 66.0502
YIQ	210.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

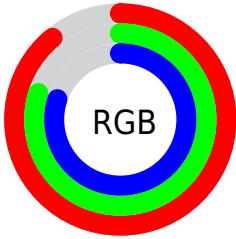
Format	Color
R _Y B	227, 204, 204
Decimal	14929100
CIE Lab	83.90, 8.02, 2.94
CIE LCh	84, 8.540, 20.133
Yxy	63.8763, 0.3306, 0.3291
Android (android.graphics.Color)	4293119180 (0xFFE3CCCC)
YUV	210.8770, -3.3904, 14.1399
Hunter-Lab	79.9227, 3.4475, 6.9471

Details

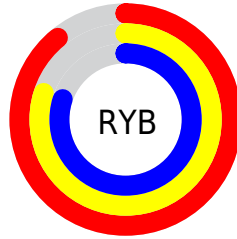
The Yxy color **63.8763, 0.3306, 0.3291** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2938, 0.2971, 0.3289**, and the grayscale version is **65.0725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6726, 0.3344, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **52.8698, 0.3527, 0.3292**, and if you desaturate by 10%, it is **76.6137, 0.3130, 0.3290**.

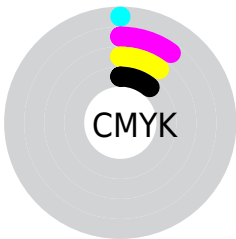
Distribution



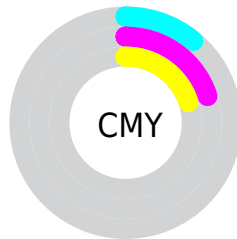
- Red (89%)
- Green (80%)
- Blue (80%)



- Red (89%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8763, 0.3306, 0.3291 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 63.8763, 0.3306, 0.3291 by changing the saturation by 10% instead.


 63.8763, 0.3306,
0.3291

 63.8763, 0.3306,
0.3291


438.7428, 0.3221,
0.3291

 46.5505, 0.3326,
0.3291

110.4328, 0.3276,
0.3291

 32.6804, 0.3351,
0.3291

140.4322, 0.3265,
0.3291

 21.8818, 0.3383,
0.3290


175.4250, 0.3255,
0.3291

 13.7700, 0.3427,
0.3289

215.7955, 0.3246,
0.3291

 7.9609, 0.3487,
0.3288

261.9282, 0.3239,
0.3291

 4.0699, 0.3579,
0.3284

314.2073, 0.3232,

 1.7128, 0.3732,

0.3291

373.0174, 0.3226,
0.3291

0.3276

0.4319, 0.4653,
0.3315

0.0000, 0.0000,
0.0000

63.8763, 0.3306,
0.3291

63.8763, 0.3306,
0.3291

52.8698, 0.3527,
0.3292

76.6137, 0.3130,
0.3290

43.5117, 0.3803,
0.3294

91.1432, 0.2988,
0.3289

35.7250, 0.4144,
0.3295

95.0715, 0.2958,
0.3290

29.4238, 0.4551,
0.3297

■ 24.5135, 0.5014,
0.3298

■ 20.8891, 0.5495,
0.3300

■ 18.4302, 0.5929,
0.3301

■ 16.9942, 0.6240,
0.3301

■ 16.3411, 0.6400,
0.3301

Harmonies

Analogous

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



63.8763, 0.3224, 0.3201



63.8763, 0.3306, 0.3291



63.8763, 0.3339, 0.3383

Triad

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



63.8763, 0.3306, 0.3291



63.8763, 0.3134, 0.3453



63.8763, 0.2943, 0.3128

Complementary

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



63.8763, 0.3306, 0.3291



73.2938, 0.2971, 0.3289

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.



63.8763, 0.2920, 0.3192



63.8763, 0.3306, 0.3291



63.8763, 0.3029, 0.3382

Square

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



63.8763, 0.3306, 0.3291



63.8763, 0.3239, 0.3478



63.8763, 0.2951, 0.3285



63.8763, 0.3014, 0.3107

Rectangle

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



63.8763, 0.3306, 0.3291



63.8763, 0.3329, 0.3433



63.8763, 0.2951, 0.3285



63.8763, 0.2929, 0.3145

Sweetspot

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



63.8791, 0.3306, 0.3291



94.7420, 0.3176, 0.3290



65.0460, 0.3139, 0.3041



19.9856, 0.3190, 0.3290



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.



63.8791, 0.3306, 0.3291



80.2225, 0.3345, 0.3291



69.5368, 0.3292, 0.3417



14.3725, 0.3293, 0.3291



9.5318, 0.6399, 0.3301



0.7060, 0.6395, 0.3304

Inverse Universe

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



73.2938, 0.2971, 0.3289



94.6130, 0.2943, 0.3289



67.2259, 0.2970, 0.3160



16.3313, 0.2982, 0.3289



35.1349, 0.2245, 0.3282



2.5979, 0.2245, 0.3282

Previews

White Background



This preview shows how the Yxy color 63.8763, 0.3306, 0.3291 looks on a white background.

Color Contrast Check

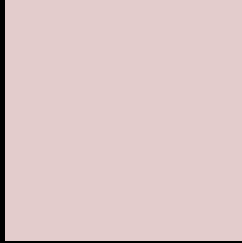
Large Text (above 18pt) WCAG AA × Fail

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 63.8763, 0.3306, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

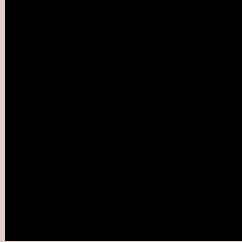
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.8763, 0.3306, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 63.8763, 0.3306, 0.3291.



This preview shows how white text looks on a background with the Yxy color 63.8763, 0.3306, 0.3291.

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

63.8763, 0.3306, 0.3291

Protanopia

63.8641, 0.3187, 0.3313

Deuteranopia

63.5896, 0.3340, 0.3269



Tritanopia

63.9610, 0.3220, 0.3116

Trichromacy



Original Color

63.8763, 0.3306, 0.3291

Protanomaly

64.0935, 0.3233, 0.3313

Deuteranomaly

63.8945, 0.3331, 0.3280

Tritanomaly

64.0099, 0.3248, 0.3181

Monochromacy



Original Color

63.8763, 0.3306, 0.3291

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.4175, 0.3195, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8763, 0.3306, 0.3291 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(227, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(227, 204, 204)  
}
```

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(227, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 204, 204) }
```

Border

The CSS property to change the border of an element to Yxy 63.8763, 0.3306, 0.3291 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(227, 204, 204) }
```

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

```
.border{ border-color:rgb(227, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(227, 204,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8763, 0.3306, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 204, 204) }
```

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

```
.background{ background-color: rgb(227,  
204, 204) }
```

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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