

Converting Colors

Yxy(63.8448, 0.3308, 0.3201)

Have a look what the booklet for
Yxy(63.8448, 0.3308, 0.3201)
contains.

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Color

Yxy(63.5822, 0.3304, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	E8C9D2
RGB	232, 201, 210
RGB Percent	91%, 79%, 82%
CMY	0.0902, 0.2117, 0.1766
CMYK	0.00, 0.13, 0.09, 0.09
HSL	343°, 40%, 85%
HSV	343°, 13%, 91%
XYZ	65.7925, 63.5822, 69.7552
YIQ	211.2950, 15.5870, 9.3710

Conversions

Conversions Part 2

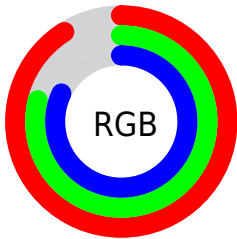
Format	Color
R _Y B	232, 201, 210
Decimal	15256018
CIE Lab	83.75, 12.35, -0.43
CIE LCh	84, 12.359, 357.989
Yxy	63.5822, 0.3304, 0.3193
Android (android.graphics.Color)	4293446098 (0xFFE8C9D2)
YUV	211.2950, -0.6384, 18.1583
Hunter-Lab	79.7384, 7.7388, 3.9500

Details

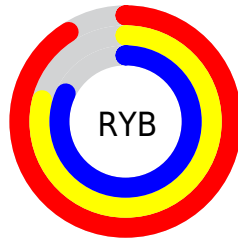
The Yxy color $63.5822, 0.3304, 0.3193$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $75.4576, 0.2977, 0.3389$, and the grayscale version is $65.3431, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.4978, 0.3342, 0.3163$ is the 20% darker color. If you saturate the color by 10%, you get $52.7924, 0.3472, 0.3116$, and if you desaturate by 10%, it is $76.0959, 0.3167, 0.3267$.

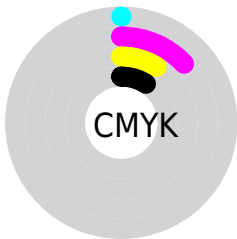
Distribution



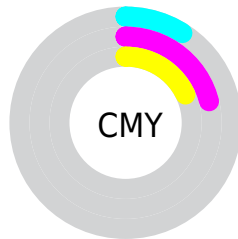
- Red (91%)
- Green (79%)
- Blue (82%)



- Red (91%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5822, 0.3304, 0.3193 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 63.5822, 0.3304, 0.3193 by changing the saturation by 10% instead.


 63.5822, 0.3304,
0.3193

 63.5822, 0.3304,
0.3193

437.6793, 0.3220,
0.3239

 46.3124, 0.3324,
0.3182

110.0090, 0.3274,
0.3209

 32.4924, 0.3348,
0.3169


139.9348, 0.3263,
0.3215

 21.7379, 0.3380,
0.3151


174.8480, 0.3253,
0.3221

 13.6644, 0.3422,
0.3128

215.1330, 0.3245,
0.3225

 7.8876, 0.3481,
0.3096

261.1743, 0.3238,
0.3229

 4.0231, 0.3570,
0.3048

313.3562, 0.3231,

 1.6865, 0.3717,

0.3233

0.2968

372.0630, 0.3225,
0.3236

0.4149, 0.4369,
0.2605

0.0000, 0.0000,
0.0000

63.5822, 0.3304,
0.3193

63.5822, 0.3304,
0.3193

52.7924, 0.3472,
0.3116

76.0959, 0.3167,
0.3267

43.6424, 0.3678,
0.3036

90.3958, 0.3056,
0.3335

36.0538, 0.3927,
0.2960

95.8944, 0.2987,
0.3290

29.9385, 0.4222,
0.2893

■ 25.1994, 0.4560,
0.2845

■ 21.7277, 0.4928,
0.2828

■ 19.3979, 0.5300,
0.2853

■ 18.0584, 0.5640,
0.2925

■ 17.5604, 0.5836,
0.2989

Harmonies

Analogous

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



63.5822, 0.3154, 0.3087



63.5822, 0.3304, 0.3193



63.5822, 0.3408, 0.3326

Triad

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



63.5822, 0.3304, 0.3193



63.5822, 0.3251, 0.3563



63.5822, 0.2829, 0.3117

Complementary

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



63.5822, 0.3304, 0.3193



75.4576, 0.2977, 0.3389

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.



63.5822, 0.2854, 0.3244



63.5822, 0.3304, 0.3193



63.5822, 0.3095, 0.3507

Square

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



63.5822, 0.3304, 0.3193



63.5822, 0.3376, 0.3541



63.5822, 0.2951, 0.3388



63.5822, 0.2882, 0.3041

Rectangle

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



63.5822, 0.3304, 0.3193



63.5822, 0.3435, 0.3413



63.5822, 0.2951, 0.3388



63.5822, 0.2829, 0.3155

Sweetspot

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



63.5850, 0.3304, 0.3193



93.2056, 0.3175, 0.3262



63.2449, 0.3073, 0.2954



19.6849, 0.3185, 0.3256



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.



63.5850, 0.3304, 0.3193



74.9450, 0.3347, 0.3172



66.0987, 0.3363, 0.3358



14.4362, 0.3247, 0.3222



9.7685, 0.5795, 0.2966



0.7376, 0.5378, 0.2736

Inverse Universe

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



63.5850, 0.3304, 0.3193



74.9450, 0.3347, 0.3172



72.5268, 0.2922, 0.3221



14.4362, 0.3247, 0.3222



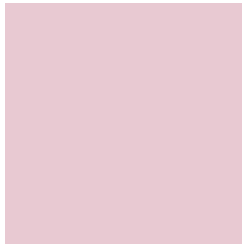
9.7685, 0.5795, 0.2966



0.7376, 0.5378, 0.2736

Previews

White Background



This preview shows how the Yxy color 63.5822, 0.3304, 0.3193 looks on a white background.

Color Contrast Check

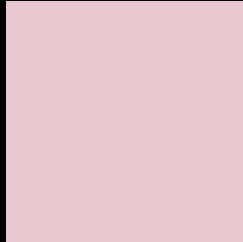
Large Text (above 18pt) WCAG AA × Fail

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 63.5822, 0.3304, 0.3193 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 63.5822, 0.3304, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 63.5822, 0.3304, 0.3193.



This preview shows how white text looks on a background with the Yxy color 63.5822, 0.3304, 0.3193.

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

63.5822, 0.3304, 0.3193

Protanopia

63.8157, 0.3108, 0.3222

Deuteranopia

63.5522, 0.3279, 0.3203



Tritanopia

63.5901, 0.3268, 0.3118

Trichromacy



Original Color

63.5822, 0.3304, 0.3193

Protanomaly

63.5268, 0.3177, 0.3201

Deuteranomaly

63.7172, 0.3287, 0.3203

Tritanomaly

63.4872, 0.3283, 0.3139

Monochromacy



Original Color

63.5822, 0.3304, 0.3193

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.3889, 0.3190, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5822, 0.3304, 0.3193 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(232, 201, 210)` looks like.

```
.text, #text, p{  
    color:rgb(232, 201, 210)  
}
```

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(232, 201, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 201, 210) }
```

Border

The CSS property to change the border of an element to Yxy 63.5822, 0.3304, 0.3193 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(232, 201, 210) }
```

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

```
.border{ border-color:rgb(232, 201, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 201, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 201, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 201, 210);  
box-shadow:4px 4px 4px 4px rgb(232, 201,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5822, 0.3304, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 201, 210) }
```

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

```
.background{ background-color: rgb(232,  
201, 210) }
```

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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