

Converting Colors

Yxy(63.0143, 0.3331, 0.3177)

Have a look what the booklet for
Yxy(63.0143, 0.3331, 0.3177)
contains.

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Color

Yxy(63.1125, 0.3338, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	EBC7D1
RGB	235, 199, 209
RGB Percent	92%, 78%, 82%
CMY	0.0782, 0.2197, 0.1803
CMYK	0.00, 0.15, 0.11, 0.08
HSL	343°, 47%, 85%
HSV	343°, 15%, 92%
XYZ	66.2066, 63.1125, 69.0231
YIQ	210.9040, 18.2460, 10.7420

Conversions

Conversions Part 2

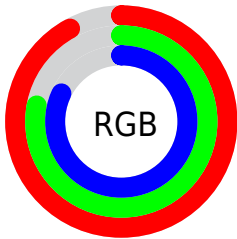
Format	Color
R _Y B	235, 199, 209
Decimal	15452113
CIE Lab	83.50, 14.34, -0.25
CIE LCh	84, 14.341, 358.990
Yxy	63.1125, 0.3338, 0.3182
Android (android.graphics.Color)	4293642193 (0xFFEBC7D1)
YUV	210.9040, -0.9387, 21.1322
Hunter-Lab	79.4434, 9.7327, 4.0972

Details

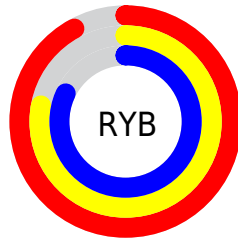
The Yxy color **63.1125, 0.3338, 0.3182** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.0234, 0.2952, 0.3401**, and the grayscale version is **65.0770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2011, 0.3388, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **52.3261, 0.3516, 0.3107**, and if you desaturate by 10%, it is **75.6646, 0.3193, 0.3254**.

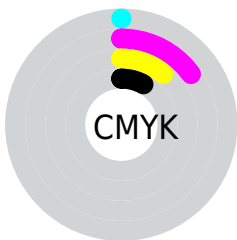
Distribution



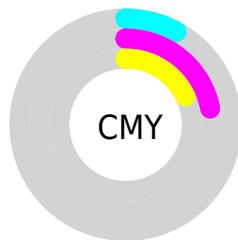
- Red (92%)
- Green (78%)
- Blue (82%)



- Red (92%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (8%)





- Cyan (8%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1125, 0.3338, 0.3182 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 63.1125, 0.3338, 0.3182 by changing the saturation by 10% instead.


 63.1125, 0.3338,
0.3182

 63.1125, 0.3338,
0.3182


435.9777, 0.3238,
0.3233

 45.9322, 0.3362,
0.3170

109.3318, 0.3303,
0.3200

 32.1923, 0.3391,
0.3155


139.1396, 0.3289,
0.3207

 21.5085, 0.3429,
0.3135

173.9254, 0.3278,
0.3213

 13.4962, 0.3480,
0.3110

214.0735, 0.3268,
0.3218

 7.7711, 0.3551,
0.3073

259.9684, 0.3259,
0.3223

 3.9488, 0.3657,
0.3019

311.9945, 0.3251,

 1.6450, 0.3835,

0.3227

0.2928

370.5361, 0.3244,
0.3230

0.3876, 0.4648,
0.2508

0.0000, 0.0000,
0.0000

63.1125, 0.3338,
0.3182

63.1125, 0.3338,
0.3182

52.3261, 0.3516,
0.3107

75.6646, 0.3193,
0.3254

43.2176, 0.3734,
0.3031

90.0480, 0.3075,
0.3320

35.7046, 0.3997,
0.2958

96.4108, 0.3006,
0.3290

29.6942, 0.4307,
0.2897

■ 25.0840, 0.4659,
0.2857

■ 21.7583, 0.5036,
0.2850

■ 19.5830, 0.5410,
0.2885

■ 18.3935, 0.5741,
0.2965

■ 18.0568, 0.5875,
0.3010

Harmonies

Analogous

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



63.1125, 0.3164, 0.3058



63.1125, 0.3338, 0.3182



63.1125, 0.3457, 0.3335

Triad

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



63.1125, 0.3338, 0.3182



63.1125, 0.3265, 0.3607



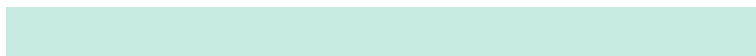
63.1125, 0.2783, 0.3084

Complementary

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



63.1125, 0.3338, 0.3182



77.0234, 0.2952, 0.3401

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.



63.1125, 0.2808, 0.3230



63.1125, 0.3338, 0.3182



63.1125, 0.3083, 0.3540

Square

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



63.1125, 0.3338, 0.3182



63.1125, 0.3413, 0.3584



63.1125, 0.2917, 0.3399



63.1125, 0.2846, 0.2999

Rectangle

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



63.1125, 0.3338, 0.3182



63.1125, 0.3486, 0.3437



63.1125, 0.2917, 0.3399



63.1125, 0.2781, 0.3128

Sweetspot

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



63.1153, 0.3338, 0.3182



91.5545, 0.3189, 0.3256



62.8220, 0.3068, 0.2902



19.3520, 0.3198, 0.3251



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.



63.1153, 0.3338, 0.3182



72.1767, 0.3383, 0.3162



66.3224, 0.3402, 0.3376



15.1229, 0.3249, 0.3225



10.0631, 0.5835, 0.2988



0.8061, 0.5441, 0.2771

Inverse Universe

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



63.1153, 0.3338, 0.3182



72.1767, 0.3383, 0.3162



73.2091, 0.2891, 0.3203



15.1229, 0.3249, 0.3225



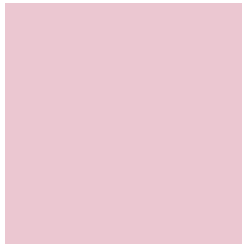
10.0631, 0.5835, 0.2988



0.8061, 0.5441, 0.2771

Previews

White Background



This preview shows how the Yxy color 63.1125, 0.3338, 0.3182 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 63.1125, 0.3338, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

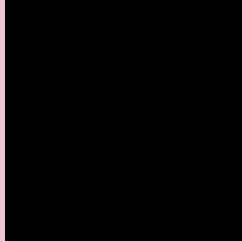
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1125, 0.3338, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 63.1125, 0.3338, 0.3182.



This preview shows how white text looks on a background with the Yxy color 63.1125, 0.3338, 0.3182.

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

63.1125, 0.3338, 0.3182

Protanopia

63.1823, 0.3101, 0.3210

Deuteranopia

63.3385, 0.3279, 0.3213



Tritanopia

63.0761, 0.3309, 0.3118

Trichromacy



Original Color

63.1125, 0.3338, 0.3182

Protanomaly

62.9993, 0.3185, 0.3201

Deuteranomaly

63.3657, 0.3303, 0.3203

Tritanomaly

62.9745, 0.3324, 0.3140

Monochromacy



Original Color

63.1125, 0.3338, 0.3182

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.4944, 0.3205, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1125, 0.3338, 0.3182 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(235, 199, 209)` looks like.

```
.text, #text, p{  
    color:rgb(235, 199, 209)  
}
```

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(235, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 199, 209) }
```

Border

The CSS property to change the border of an element to Yxy 63.1125, 0.3338, 0.3182 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(235, 199, 209) }
```

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

```
.border{ border-color:rgb(235, 199, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 199, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 199, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 199, 209); box-shadow:4px 4px 4px 4px rgb(235, 199, 209) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 63.1125, 0.3338, 0.3182$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 199, 209) }
```

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

```
.background{ background-color: rgb(235,  
199, 209) }
```

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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