

Converting Colors

Yxy(62.3908, 0.3355, 0.3313)

Have a look what the booklet for
Yxy(62.3908, 0.3355, 0.3313)
contains.

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Color

Yxy(62.3908, 0.3355, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	E4C9C7
RGB	228, 201, 199
RGB Percent	89%, 79%, 78%
CMY	0.1060, 0.2117, 0.2196
CMYK	0.00, 0.12, 0.13, 0.11
HSL	4°, 35%, 84%
HSV	4°, 13%, 89%
XYZ	63.1817, 62.3908, 62.7486
YIQ	208.8450, 16.7340, 5.1020

Conversions

Conversions Part 2

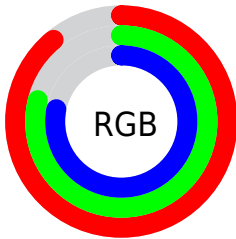
Format	Color
R _Y B	228, 201, 199
Decimal	14993863
CIE Lab	83.12, 9.12, 4.46
CIE LCh	83, 10.158, 26.064
Yxy	62.3908, 0.3355, 0.3313
Android (android.graphics.Color)	4293183943 (0xFFE4C9C7)
YUV	208.8450, -4.8536, 16.7989
Hunter-Lab	78.9878, 4.5520, 8.1910

Details

The Yxy color **62.3908, 0.3355, 0.3313** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.1081, 0.2933, 0.3267**, and the grayscale version is **63.6776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.6824, 0.3412, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **52.1951, 0.3583, 0.3333**, and if you desaturate by 10%, it is **74.1164, 0.3171, 0.3295**.

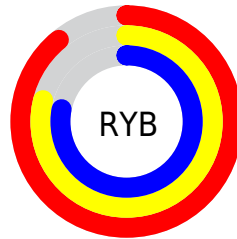
Distribution



Red (89%)

Green (79%)

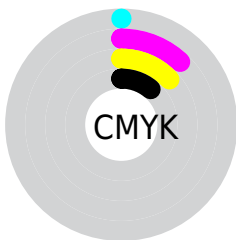
Blue (78%)



Red (89%)

Yellow (79%)

Blue (78%)

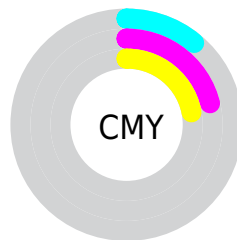


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (11%)



Cyan (11%)

Magenta (21%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3908, 0.3355, 0.3313 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 62.3908, 0.3355, 0.3313 by changing the saturation by 10% instead.


 62.3908, 0.3355,
0.3313

 62.3908, 0.3355,
0.3313


433.3552, 0.3246,
0.3303

 45.3485, 0.3381,
0.3315


108.2901, 0.3316,
0.3310

 31.7321, 0.3413,
0.3318


137.9160, 0.3302,
0.3308

 21.1569, 0.3455,
0.3321

172.5053, 0.3289,
0.3307

 13.2388, 0.3511,
0.3324

212.4422, 0.3278,
0.3306

 7.5932, 0.3591,
0.3329

258.1113, 0.3269,
0.3305

 3.8357, 0.3711,
0.3333

309.8969, 0.3260,

 1.5821, 0.3915,

0.3304

368.1834, 0.3253,
0.3304

0.3337

0.3455, 0.5736,
0.3596

0.0000, 0.0000,
0.0000

62.3908, 0.3355,
0.3313

62.3908, 0.3355,
0.3313

52.1951, 0.3583,
0.3333

74.1164, 0.3171,
0.3295

43.4583, 0.3865,
0.3353

87.4227, 0.3022,
0.3278

36.1162, 0.4207,
0.3372

95.2278, 0.2964,
0.3290

30.0966, 0.4609,
0.3388

■ 25.3208, 0.5060,
0.3397

■ 21.7017, 0.5522,
0.3396

■ 19.1410, 0.5935,
0.3380

■ 17.5239, 0.6231,
0.3352

■ 16.8536, 0.6360,
0.3332

Harmonies

Analogous

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



62.3908, 0.3266, 0.3203



62.3908, 0.3355, 0.3313



62.3908, 0.3381, 0.3420

Triad

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



62.3908, 0.3355, 0.3313



62.3908, 0.3110, 0.3473



62.3908, 0.2919, 0.3086

Complementary

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



62.3908, 0.3355, 0.3313



72.1081, 0.2933, 0.3267

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.



62.3908, 0.2880, 0.3153



62.3908, 0.3355, 0.3313



62.3908, 0.2988, 0.3378

Square

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



62.3908, 0.3355, 0.3313



62.3908, 0.3238, 0.3515



62.3908, 0.2904, 0.3260



62.3908, 0.3014, 0.3074

Rectangle

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



62.3908, 0.3355, 0.3313



62.3908, 0.3360, 0.3475



62.3908, 0.2904, 0.3260



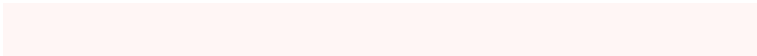
62.3908, 0.2899, 0.3103

Sweetspot

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



62.3936, 0.3355, 0.3313



93.4534, 0.3193, 0.3297



62.8305, 0.3156, 0.2998



19.7473, 0.3206, 0.3298



0.0000, 0.0000, 0.0000



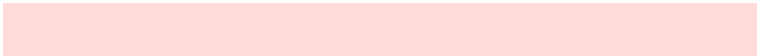
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.3936, 0.3355, 0.3313



77.1328, 0.3405, 0.3318



69.4241, 0.3334, 0.3470



14.5279, 0.3291, 0.3307



9.7970, 0.6348, 0.3342



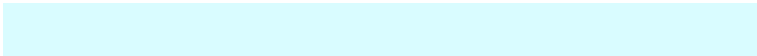
0.7807, 0.6208, 0.3453

Inverse Universe

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



72.1081, 0.2933, 0.3267



91.7695, 0.2898, 0.3262



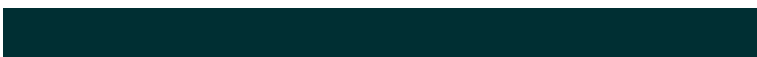
64.6067, 0.2929, 0.3103



16.1559, 0.2982, 0.3273



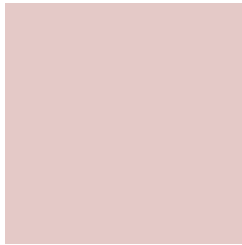
30.5424, 0.2187, 0.3072



2.3087, 0.2196, 0.3106

Previews

White Background



This preview shows how the Yxy color 62.3908, 0.3355, 0.3313 looks on a white background.

Color Contrast Check

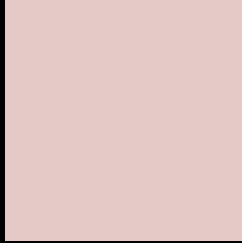
Large Text (above 18pt) WCAG AA × Fail

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 62.3908, 0.3355, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

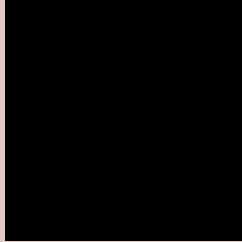
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3908, 0.3355, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 62.3908, 0.3355, 0.3313.

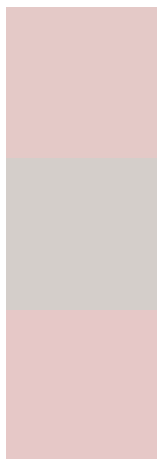


This preview shows how white text looks on a background with the Yxy color 62.3908, 0.3355, 0.3313.

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

62.3908, 0.3355, 0.3313

Protanopia

62.4039, 0.3201, 0.3336

Deuteranopia

62.2551, 0.3373, 0.3302



Tritanopia

62.5249, 0.3260, 0.3127

Trichromacy



Original Color

62.3908, 0.3355, 0.3313

Protanomaly

62.3082, 0.3257, 0.3324

Deuteranomaly

62.0901, 0.3365, 0.3302

Tritanomaly

62.5700, 0.3289, 0.3192

Monochromacy



Original Color

62.3908, 0.3355, 0.3313

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1493, 0.3211, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3908, 0.3355, 0.3313 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(228, 201, 199)` looks like.

```
.text, #text, p{  
    color:rgb(228, 201, 199)  
}
```

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(228, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 201, 199) }
```

Border

The CSS property to change the border of an element to Yxy 62.3908, 0.3355, 0.3313 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(228, 201, 199) }
```

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

```
.border{ border-color:rgb(228, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(228, 201,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3908, 0.3355, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 201, 199) }
```

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

```
.background{ background-color: rgb(228,  
201, 199) }
```

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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