

Converting Colors

$Yxy(55.0888, 0.3371, 0.3193)$

Have a look what the booklet for
Yxy(55.0888, 0.3371, 0.3193)
contains.

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Color

Yxy(55.3281, 0.3375, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	E0BBC3
RGB	224, 187, 195
RGB Percent	88%, 73%, 76%
CMY	0.1216, 0.2666, 0.2354
CMYK	0.00, 0.17, 0.13, 0.12
HSL	347°, 37%, 81%
HSV	347°, 17%, 88%
XYZ	58.3539, 55.3281, 59.2184
YIQ	198.9750, 19.4840, 10.3320

Conversions

Conversions Part 2

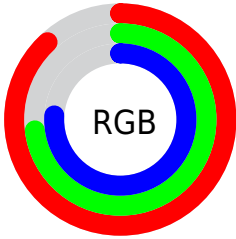
Format	Color
R _Y B	224, 187, 195
Decimal	14728131
CIE Lab	79.23, 14.49, 0.94
CIE LCh	79, 14.516, 3.698
Yxy	55.3281, 0.3375, 0.3200
Android (android.graphics.Color)	4292918211 (0xFFE0BBC3)
YUV	198.9750, -1.9597, 21.9469
Hunter-Lab	74.3829, 9.8644, 4.8655

Details

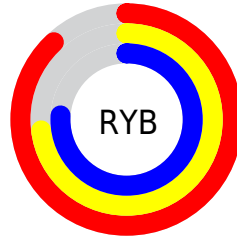
The Yxy color **55.3281, 0.3375, 0.3200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.8259, 0.2926, 0.3382**, and the grayscale version is **57.1001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3895, 0.3151, 0.3204**, and **27.2981, 0.3440, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **45.8071, 0.3573, 0.3142**, and if you desaturate by 10%, it is **66.4297, 0.3215, 0.3256**.

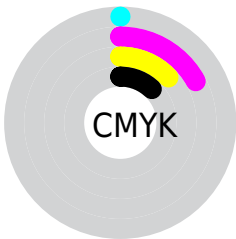
Distribution



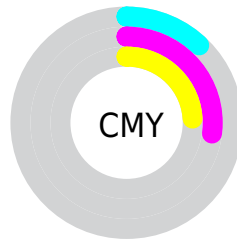
- Red (88%)
- Green (73%)
- Blue (76%)



- Red (88%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (12%)





- Cyan (12%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3281, 0.3375, 0.3200 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 55.3281, 0.3375, 0.3200 by changing the saturation by 10% instead.

 55.3281, 0.3375,
0.3200

 55.3281, 0.3375,
0.3200


407.1544, 0.3254,
0.3244

 39.6645, 0.3404,
0.3189


 98.0215, 0.3332,
0.3216

 27.2770, 0.3441,
0.3176


125.8201, 0.3315,
0.3222

 17.7814, 0.3489,
0.3158


158.4324, 0.3302,
0.3227

 10.7932, 0.3555,
0.3133

196.2429, 0.3290,
0.3231

 5.9279, 0.3650,
0.3097

239.6360, 0.3279,
0.3235

 2.8013, 0.3799,
0.3041

288.9960, 0.3270,

 1.0289, 0.4064,

0.3239

0.2938

344.7073, 0.3262,
0.3242

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.3281, 0.3375,
0.3200

55.3281, 0.3375,
0.3200

45.8071, 0.3573,
0.3142

66.4297, 0.3215,
0.3256

37.7876, 0.3816,
0.3083

79.1717, 0.3085,
0.3308

31.1948, 0.4110,
0.3028

93.6198, 0.2980,
0.3355

25.9444, 0.4455,
0.2984

94.5840, 0.2940,
0.3289

■ 21.9434, 0.4844,
0.2960

■ 19.0866, 0.5253,
0.2965

■ 17.2515, 0.5643,
0.3007

■ 16.2839, 0.5965,
0.3084

■ 16.0593, 0.6060,
0.3112

Harmonies

Analogous

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



55.3281, 0.3196, 0.3062



55.3281, 0.3375, 0.3200



55.3281, 0.3487, 0.3363

Triad

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



55.3281, 0.3375, 0.3200



55.3281, 0.3243, 0.3621



55.3281, 0.2768, 0.3053

Complementary

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



55.3281, 0.3375, 0.3200



68.8259, 0.2926, 0.3382

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.



55.3281, 0.2780, 0.3199



55.3281, 0.3375, 0.3200



55.3281, 0.3051, 0.3535

Square

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



55.3281, 0.3375, 0.3200



55.3281, 0.3409, 0.3611



55.3281, 0.2882, 0.3377



55.3281, 0.2848, 0.2976

Rectangle

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



55.3281, 0.3375, 0.3200



55.3281, 0.3507, 0.3468



55.3281, 0.2882, 0.3377



55.3281, 0.2761, 0.3095

Sweetspot

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



55.3306, 0.3375, 0.3200



91.5055, 0.3194, 0.3264



55.5227, 0.3082, 0.2875



19.3401, 0.3204, 0.3260



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.



55.3306, 0.3375, 0.3200



69.3511, 0.3442, 0.3179



59.5876, 0.3421, 0.3410



13.7486, 0.3258, 0.3240



9.3635, 0.6025, 0.3093



0.6622, 0.5595, 0.2856

Inverse Universe

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



55.3306, 0.3375, 0.3200



69.3511, 0.3442, 0.3179



63.7912, 0.2873, 0.3167



13.7486, 0.3258, 0.3240



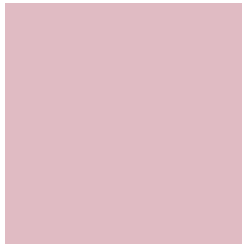
9.3635, 0.6025, 0.3093



0.6622, 0.5595, 0.2856

Previews

White Background



This preview shows how the Yxy color 55.3281, 0.3375, 0.3200 looks on a white background.

Color Contrast Check

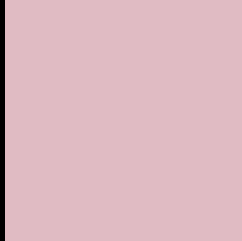
Large Text (above 18pt) WCAG AA × Fail

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 55.3281, 0.3375, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

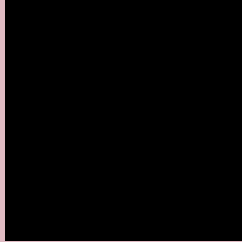
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3281, 0.3375, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 55.3281, 0.3375, 0.3200.



This preview shows how white text looks on a background with the Yxy color 55.3281, 0.3375, 0.3200.

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

55.3281, 0.3375, 0.3200

Protanopia

55.3425, 0.3122, 0.3230

Deuteranopia

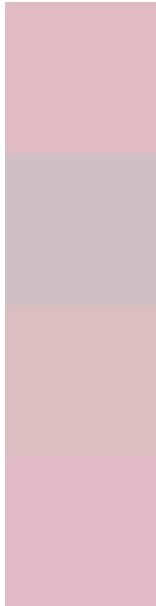
55.3209, 0.3311, 0.3244



Tritanopia

55.3424, 0.3336, 0.3121

Trichromacy



Original Color

55.3281, 0.3375, 0.3200

Protanomaly

55.1864, 0.3212, 0.3219

Deuteranomaly

55.3503, 0.3338, 0.3233

Tritanomaly

55.2489, 0.3352, 0.3143

Monochromacy



Original Color

55.3281, 0.3375, 0.3200

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5173, 0.3209, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3281, 0.3375, 0.3200 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(224, 187, 195)` looks like.

```
.text, #text, p{  
    color:rgb(224, 187, 195)  
}
```

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(224, 187, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 187, 195) }
```

Border

The CSS property to change the border of an element to Yxy 55.3281, 0.3375, 0.3200 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(224, 187, 195) }
```

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

```
.border{ border-color:rgb(224, 187, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 187, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 187, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 187, 195);  
box-shadow:4px 4px 4px 4px rgb(224, 187,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3281, 0.3375, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 187, 195) }
```

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

```
.background{ background-color: rgb(224,  
187, 195) }
```

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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