

Converting Colors

$Yxy(55.4175, 0.3483, 0.3288)$

Have a look what the booklet for
Yxy(55.4175, 0.3483, 0.3288)
contains.

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Color

Yxy(55.1996, 0.3477, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	E4BABB
RGB	228, 186, 187
RGB Percent	89%, 73%, 73%
CMY	0.1060, 0.2705, 0.2667
CMYK	0.00, 0.18, 0.18, 0.11
HSL	359°, 44%, 81%
HSV	359°, 18%, 89%
XYZ	58.5149, 55.1996, 54.5769
YIQ	198.6720, 24.7110, 9.2150

Conversions

Conversions Part 2

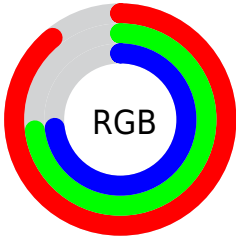
Format	Color
R _Y B	228, 186, 187
Decimal	14990011
CIE Lab	79.16, 15.19, 5.19
CIE LCh	79, 16.056, 18.861
Yxy	55.1996, 0.3477, 0.3280
Android (android.graphics.Color)	4293180091 (0xFFE4BABB)
YUV	198.6720, -5.7543, 25.7207
Hunter-Lab	74.2964, 10.5656, 8.4541

Details

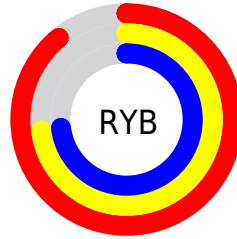
The Yxy color **55.1996, 0.3477, 0.3280** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.4575, 0.2857, 0.3300**, and the grayscale version is **56.9265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2353, 0.3206, 0.3281**, and **27.2669, 0.3569, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **45.4686, 0.3737, 0.3274**, and if you desaturate by 10%, it is **66.6158, 0.3269, 0.3286**.

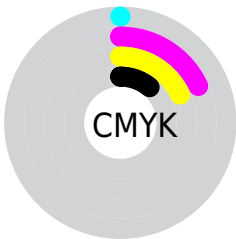
Distribution



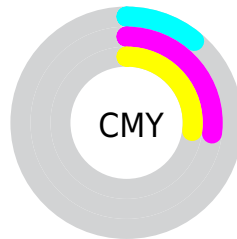
- Red (89%)
- Green (73%)
- Blue (73%)



- Red (89%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (18%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1996, 0.3477, 0.3280 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 55.1996, 0.3477, 0.3280 by changing the saturation by 10% instead.


 55.1996, 0.3477,
0.3280

 55.1996, 0.3477,
0.3280


406.6681, 0.3306,
0.3287

 39.5616, 0.3519,
0.3278

 97.8333, 0.3416,
0.3283

 27.1969, 0.3571,
0.3275


125.5978, 0.3392,
0.3284

 17.7211, 0.3640,
0.3270


158.1732, 0.3373,
0.3285

 10.7500, 0.3735,
0.3263

195.9440, 0.3356,
0.3285

 5.8990, 0.3871,
0.3251

239.2944, 0.3341,
0.3286

 2.7837, 0.4086,
0.3227

288.6090, 0.3328,

 1.0199, 0.4493,

0.3286

0.3190

344.2721, 0.3316,
0.3287

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.1996, 0.3477,
0.3280

55.1996, 0.3477,
0.3280

45.4686, 0.3737,
0.3274

66.6158, 0.3269,
0.3286

37.3361, 0.4058,
0.3269

79.7839, 0.3103,
0.3291

30.7188, 0.4445,
0.3265

94.7758, 0.2970,
0.3296

25.5231, 0.4891,
0.3263

95.2290, 0.2964,
0.3290

■ 21.6449, 0.5368,
0.3264

■ 18.9659, 0.5817,
0.3270

■ 17.3469, 0.6166,
0.3280

■ 16.5874, 0.6361,
0.3290

■ 16.5005, 0.6382,
0.3289

Harmonies

Analogous

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



55.1996, 0.3309, 0.3109



55.1996, 0.3477, 0.3280



55.1996, 0.3548, 0.3459

Triad

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



55.1996, 0.3477, 0.3280



55.1996, 0.3147, 0.3622



55.1996, 0.2763, 0.2974

Complementary

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



55.1996, 0.3477, 0.3280



71.4575, 0.2857, 0.3300

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.



55.1996, 0.2724, 0.3099



55.1996, 0.3477, 0.3280



55.1996, 0.2941, 0.3480

Square

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



55.1996, 0.3477, 0.3280



55.1996, 0.3353, 0.3665



55.1996, 0.2788, 0.3285



55.1996, 0.2897, 0.2935

Rectangle

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



55.1996, 0.3477, 0.3280



55.1996, 0.3530, 0.3561



55.1996, 0.2788, 0.3285



55.1996, 0.2739, 0.3007

Sweetspot

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



55.2021, 0.3477, 0.3280



89.6981, 0.3226, 0.3287



56.9867, 0.3137, 0.2833



18.9699, 0.3238, 0.3287



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.



55.2021, 0.3477, 0.3280



66.2402, 0.3567, 0.3278



63.9832, 0.3446, 0.3510



14.3734, 0.3289, 0.3285



9.5333, 0.6375, 0.3286



0.7064, 0.6304, 0.3246

Inverse Universe

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



55.2021, 0.3477, 0.3280



66.2402, 0.3567, 0.3278



61.3446, 0.2839, 0.3060



14.3734, 0.3289, 0.3285



9.5333, 0.6375, 0.3286



0.7064, 0.6304, 0.3246

Previews

White Background



This preview shows how the Yxy color 55.1996, 0.3477, 0.3280 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 55.1996, 0.3477, 0.3280 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 55.1996, 0.3477, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 55.1996, 0.3477, 0.3280.



This preview shows how white text looks on a background with the Yxy color 55.1996, 0.3477, 0.3280.

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

55.1996, 0.3477, 0.3280

Protanopia

55.2535, 0.3198, 0.3326

Deuteranopia

55.4322, 0.3401, 0.3337



Tritanopia

55.0625, 0.3389, 0.3123

Trichromacy



Original Color

55.1996, 0.3477, 0.3280

Protanomaly

55.2659, 0.3299, 0.3314

Deuteranomaly

55.4700, 0.3428, 0.3325

Tritanomaly

55.2961, 0.3421, 0.3178

Monochromacy



Original Color

55.1996, 0.3477, 0.3280

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.2253, 0.3249, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1996, 0.3477, 0.3280 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, 186, 187)` looks like.

```
.text, #text, p{  
    color:rgb(228, 186, 187)  
}
```

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, 186, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 186, 187) }
```

Border

The CSS property to change the border of an element to Yxy 55.1996, 0.3477, 0.3280 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, 186, 187) }
```

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

```
.border{ border-color:rgb(228, 186, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 186, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 186, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 186, 187);  
box-shadow:4px 4px 4px 4px rgb(228, 186,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1996, 0.3477, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 186, 187) }
```

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

```
.background{ background-color: rgb(228,  
186, 187) }
```

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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