

Converting Colors

Yxy(56.5579, 0.3343, 0.3177)

Have a look what the booklet for
Yxy(56.5579, 0.3343, 0.3177)
contains.

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Color

Yxy(56.5263, 0.3348, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	E1BDC7
RGB	225, 189, 199
RGB Percent	88%, 74%, 78%
CMY	0.1177, 0.2588, 0.2197
CMYK	0.00, 0.16, 0.12, 0.12
HSL	343°, 37%, 81%
HSV	343°, 16%, 88%
XYZ	59.5500, 56.5263, 61.7912
YIQ	200.9040, 18.2460, 10.7420

Conversions

Conversions Part 2

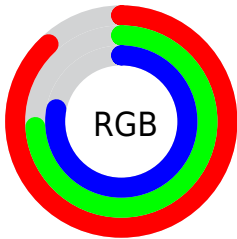
Format	Color
R _Y B	225, 189, 199
Decimal	14794183
CIE Lab	79.91, 14.43, -0.22
CIE LCh	80, 14.429, 359.135
Yxy	56.5263, 0.3348, 0.3178
Android (android.graphics.Color)	4292984263 (0xFFE1BDC7)
YUV	200.9040, -0.9387, 21.1322
Hunter-Lab	75.1840, 9.8103, 3.9003

Details

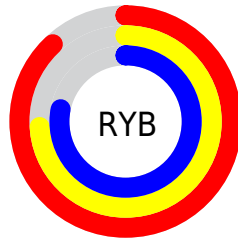
The Yxy color **56.5263, 0.3348, 0.3178** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5658, 0.2946, 0.3405**, and the grayscale version is **58.3431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **28.0877, 0.3403, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **46.8724, 0.3528, 0.3103**, and if you desaturate by 10%, it is **67.7673, 0.3201, 0.3249**.

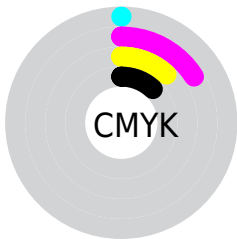
Distribution



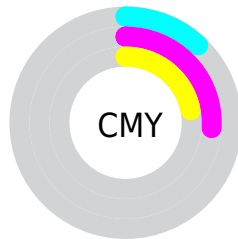
- Red (88%)
- Green (74%)
- Blue (78%)



- Red (88%)
- Yellow (74%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (12%)





- Cyan (12%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5263, 0.3348, 0.3178 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 56.5263, 0.3348, 0.3178 by changing the saturation by 10% instead.

 56.5263, 0.3348,
0.3178

 56.5263, 0.3348,
0.3178

411.6719, 0.3241,
0.3232

 40.6250, 0.3374,
0.3165


 99.7737, 0.3310,
0.3197

 28.0262, 0.3406,
0.3149

127.8886, 0.3295,
0.3205

 18.3454, 0.3448,
0.3127


160.8435, 0.3283,
0.3211

 11.1983, 0.3506,
0.3098

199.0228, 0.3272,
0.3216

 6.2004, 0.3588,
0.3056

242.8109, 0.3263,
0.3221

 2.9673, 0.3716,
0.2992

292.5922, 0.3255,

 1.1147, 0.3940,

0.3225

0.2879

348.7511, 0.3248,
0.3229

0.0000, 0.9865,
0.0000

0.0000, 0.0000,
0.0000

56.5263, 0.3348,
0.3178

56.5263, 0.3348,
0.3178

46.8724, 0.3528,
0.3103

67.7673, 0.3201,
0.3249

38.7265, 0.3748,
0.3028

80.6548, 0.3082,
0.3316

32.0142, 0.4013,
0.2956

94.2871, 0.2985,
0.3362

26.6514, 0.4325,
0.2896

94.7438, 0.2946,
0.3289

■ 22.5456, 0.4679,
0.2858

■ 19.5922, 0.5057,
0.2852

■ 17.6697, 0.5429,
0.2890

■ 16.6278, 0.5756,
0.2971

■ 16.3552, 0.5873,
0.3009

Harmonies

Analogous

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



56.5263, 0.3166, 0.3049



56.5263, 0.3348, 0.3178



56.5263, 0.3472, 0.3338

Triad

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



56.5263, 0.3348, 0.3178



56.5263, 0.3270, 0.3622



56.5263, 0.2768, 0.3074

Complementary

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



56.5263, 0.3348, 0.3178



69.5658, 0.2946, 0.3405

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.



56.5263, 0.2794, 0.3226



56.5263, 0.3348, 0.3178



56.5263, 0.3080, 0.3550

Square

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



56.5263, 0.3348, 0.3178



56.5263, 0.3424, 0.3597



56.5263, 0.2907, 0.3403



56.5263, 0.2834, 0.2987

Rectangle

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



56.5263, 0.3348, 0.3178



56.5263, 0.3502, 0.3443



56.5263, 0.2907, 0.3403



56.5263, 0.2766, 0.3119

Sweetspot

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



56.5288, 0.3348, 0.3178



91.5536, 0.3189, 0.3256



56.2525, 0.3065, 0.2886



19.3518, 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.



56.5288, 0.3348, 0.3178



70.8337, 0.3401, 0.3155



59.5241, 0.3415, 0.3379



13.7626, 0.3249, 0.3225



9.4439, 0.5833, 0.2987



0.6695, 0.5391, 0.2744

Inverse Universe

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



56.5288, 0.3348, 0.3178



70.8337, 0.3401, 0.3155



65.9773, 0.2882, 0.3199



13.7626, 0.3249, 0.3225



9.4439, 0.5833, 0.2987



0.6695, 0.5391, 0.2744

Previews

White Background



This preview shows how the Yxy color 56.5263, 0.3348, 0.3178 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 56.5263, 0.3348, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

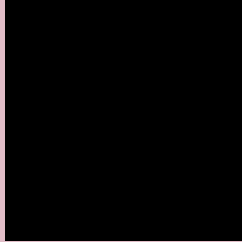
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5263, 0.3348, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 56.5263, 0.3348, 0.3178.



This preview shows how white text looks on a background with the Yxy color 56.5263, 0.3348, 0.3178.

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

56.5263, 0.3348, 0.3178

Protanopia

56.5715, 0.3100, 0.3207

Deuteranopia

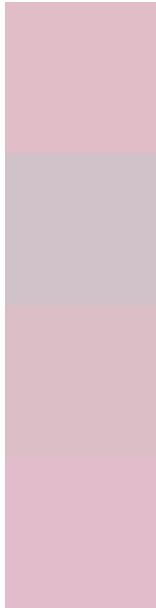
56.5282, 0.3286, 0.3221



Tritanopia

56.4470, 0.3326, 0.3122

Trichromacy



Original Color

56.5263, 0.3348, 0.3178

Protanomaly

56.4032, 0.3188, 0.3197

Deuteranomaly

56.5545, 0.3312, 0.3210

Tritanomaly

56.3995, 0.3334, 0.3133

Monochromacy



Original Color

56.5263, 0.3348, 0.3178

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8043, 0.3208, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5263, 0.3348, 0.3178 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(225, 189, 199)` looks like.

```
.text, #text, p{  
    color:rgb(225, 189, 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(225, 189, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 189, 199) }
```

Border

The CSS property to change the border of an element to Yxy 56.5263, 0.3348, 0.3178 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(225, 189, 199) }
```

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

```
.border{ border-color:rgb(225, 189, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 189, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 189, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 189, 199); box-shadow:4px 4px 4px 4px rgb(225, 189, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5263, 0.3348, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 189, 199) }
```

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

```
.background{ background-color: rgb(225,  
189, 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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