

Converting Colors

$Yxy(56.9037, 0.3583, 0.3416)$

Have a look what the booklet for
Yxy(56.9037, 0.3583, 0.3416)
contains.

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Color

Yxy(56.7653, 0.3580, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	E8BDB2
RGB	232, 189, 178
RGB Percent	91%, 74%, 70%
CMY	0.0903, 0.2588, 0.3019
CMYK	0.00, 0.19, 0.23, 0.09
HSL	12°, 54%, 80%
HSV	12°, 23%, 91%
XYZ	59.5080, 56.7653, 49.9501
YIQ	200.6030, 29.1590, 5.6950

Conversions

Conversions Part 2

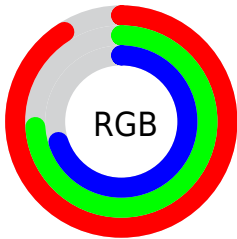
Format	Color
R_{YB}	232, 192, 178
Decimal	15252914
CIE _{Lab}	80.05, 13.74, 11.35
CIE _{LCh}	80, 17.825, 39.549
Yxy	56.7653, 0.3580, 0.3415
Android (android.graphics.Color)	4293442994 (0xFFE8BDB2)
YUV	200.6030, -11.1433, 27.5352
Hunter-Lab	75.3428, 9.1349, 13.4323

Details

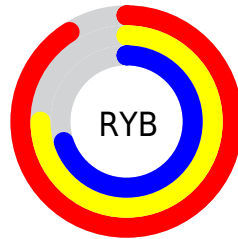
The Yxy color **56.7653, 0.3580, 0.3415** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.9970, 0.2773, 0.3161**, and the grayscale version is **58.2079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5053, 0.3259, 0.3398**, and **28.3191, 0.3709, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **48.4654, 0.3844, 0.3472**, and if you desaturate by 10%, it is **66.2402, 0.3361, 0.3359**.

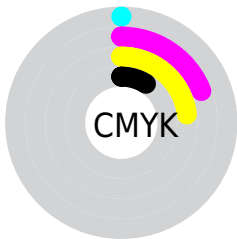
Distribution



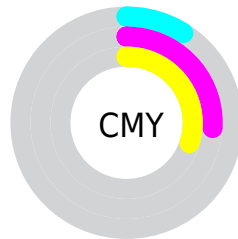
- Red (91%)
- Green (74%)
- Blue (70%)



- Red (91%)
- Yellow (75%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (9%)





- Cyan (9%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7653, 0.3580, 0.3415 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 56.7653, 0.3580, 0.3415 by changing the saturation by 10% instead.


 56.7653, 0.3580,
0.3415

 56.7653, 0.3580,
0.3415


412.5693, 0.3359,
0.3359

 40.8168, 0.3633,
0.3427


 100.1226, 0.3501,
0.3396

 28.1760, 0.3701,
0.3442


128.3003, 0.3471,
0.3388

 18.4584, 0.3789,
0.3461

161.3232, 0.3445,
0.3382

 11.2796, 0.3909,
0.3484

199.5757, 0.3423,
0.3376

 6.2552, 0.4081,
0.3512

243.4421, 0.3404,
0.3371

 3.0009, 0.4346,
0.3546

293.3069, 0.3387,

 1.1322, 0.4954,

0.3366

0.3686

349.5545, 0.3372,
0.3362

0.0052, 0.9848,
0.0152

0.0000, 0.0000,
0.0000

56.7653, 0.3580,
0.3415

56.7653, 0.3580,
0.3415

48.4654, 0.3844,
0.3472

66.2402, 0.3361,
0.3359

41.2867, 0.4157,
0.3528

76.9254, 0.3179,
0.3306

35.1830, 0.4519,
0.3575

88.8646, 0.3029,
0.3258

30.1017, 0.4921,
0.3607

95.8919, 0.2987,
0.3290

■ 25.9857, 0.5337,
0.3613

■ 22.7721, 0.5725,
0.3585

■ 20.3898, 0.6036,
0.3520

■ 19.2057, 0.6191,
0.3467

Harmonies

Analogous

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



56.7653, 0.3464, 0.3217



56.7653, 0.3580, 0.3415



56.7653, 0.3569, 0.3590

Triad

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



56.7653, 0.3580, 0.3415



56.7653, 0.2989, 0.3558



56.7653, 0.2819, 0.2903

Complementary

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



56.7653, 0.3580, 0.3415



66.9970, 0.2773, 0.3161

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.



56.7653, 0.2702, 0.2975



56.7653, 0.3580, 0.3415



56.7653, 0.2798, 0.3353

Square

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



56.7653, 0.3580, 0.3415



56.7653, 0.3222, 0.3685



56.7653, 0.2695, 0.3137



56.7653, 0.3019, 0.2929

Rectangle

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



56.7653, 0.3580, 0.3415



56.7653, 0.3491, 0.3670



56.7653, 0.2695, 0.3137



56.7653, 0.2769, 0.2916

Sweetspot

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



56.7679, 0.3580, 0.3415



90.1675, 0.3244, 0.3326



54.2314, 0.3240, 0.2821



19.1257, 0.3254, 0.3329



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.



56.7679, 0.3580, 0.3415



65.1589, 0.3703, 0.3443



69.3712, 0.3515, 0.3705



14.8411, 0.3287, 0.3339



10.8082, 0.6166, 0.3486



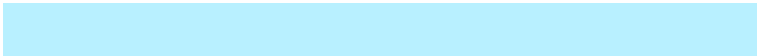
0.9294, 0.5891, 0.3704

Inverse Universe

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



66.9970, 0.2773, 0.3161



79.9489, 0.2703, 0.3131



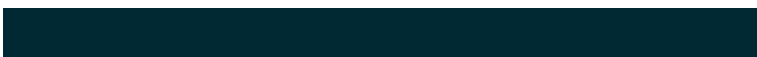
53.9684, 0.2748, 0.2837



15.8114, 0.2981, 0.3241



22.6207, 0.2062, 0.2624



1.7981, 0.2092, 0.2732

Previews

White Background



This preview shows how the Yxy color 56.7653, 0.3580, 0.3415 looks on a white background.

Color Contrast Check

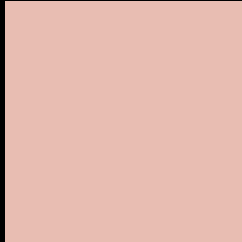
Large Text (above 18pt) WCAG AA × Fail

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 56.7653, 0.3580, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

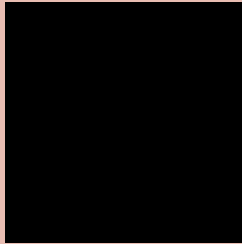
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7653, 0.3580, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 56.7653, 0.3580, 0.3415.



This preview shows how white text looks on a background with the Yxy color 56.7653, 0.3580, 0.3415.

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

56.7653, 0.3580, 0.3415

Protanopia

56.9289, 0.3303, 0.3470

Deuteranopia

57.0824, 0.3522, 0.3451



Tritanopia

56.9501, 0.3429, 0.3137

Trichromacy



Original Color

56.7653, 0.3580, 0.3415

Protanomaly

56.8135, 0.3398, 0.3455

Deuteranomaly

56.9699, 0.3541, 0.3439

Tritanomaly

56.8388, 0.3485, 0.3236

Monochromacy



Original Color

56.7653, 0.3580, 0.3415

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7798, 0.3277, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7653, 0.3580, 0.3415 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(232, 189, 178)` looks like.

```
.text, #text, p{  
    color:rgb(232, 189, 178)  
}
```

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(232, 189, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 189, 178) }
```

Border

The CSS property to change the border of an element to Yxy 56.7653, 0.3580, 0.3415 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(232, 189, 178) }
```

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

```
.border{ border-color:rgb(232, 189, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 189, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 189, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 189, 178);  
box-shadow:4px 4px 4px 4px rgb(232, 189,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7653, 0.3580, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 189, 178) }
```

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

```
.background{ background-color: rgb(232,  
189, 178) }
```

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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