

Converting Colors

$Yxy(56.3778, 0.3583, 0.3291)$

Have a look what the booklet for
Yxy(56.3778, 0.3583, 0.3291)
contains.

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Color

Yxy(56.3778, 0.3583, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	EEB9B9
RGB	238, 185, 185
RGB Percent	93%, 73%, 73%
CMY	0.0665, 0.2746, 0.2745
CMYK	0.00, 0.22, 0.22, 0.07
HSL	360°, 61%, 83%
HSV	360°, 22%, 93%
XYZ	61.3800, 56.3778, 53.5512
YIQ	200.8470, 31.5880, 11.2360

Conversions

Conversions Part 2

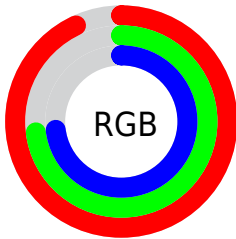
Format	Color
R _Y B	238, 185, 185
Decimal	15645113
CIE Lab	79.83, 19.13, 7.35
CIE LCh	80, 20.492, 21.022
Yxy	56.3778, 0.3583, 0.3291
Android (android.graphics.Color)	4293835193 (0xFFEEB9B9)
YUV	200.8470, -7.8126, 32.5832
Hunter-Lab	75.0852, 14.5198, 10.2736

Details

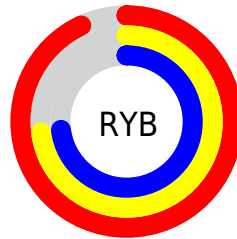
The Yxy color **56.3778, 0.3583, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6674, 0.2796, 0.3289**, and the grayscale version is **58.3473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5215, 0.3219, 0.3290**, and **27.9922, 0.3701, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **46.3191, 0.3874, 0.3292**, and if you desaturate by 10%, it is **68.2772, 0.3350, 0.3291**.

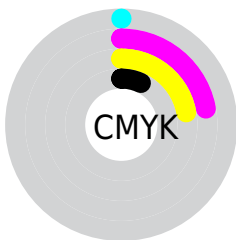
Distribution



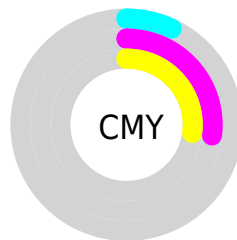
- Red (93%)
- Green (73%)
- Blue (73%)



- Red (93%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (22%)
- Yellow (22%)
- Black (7%)



- Cyan (7%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3778, 0.3583, 0.3291 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 56.3778, 0.3583, 0.3291 by changing the saturation by 10% instead.


 56.3778, 0.3583,
0.3291

 56.3778, 0.3583,
0.3291


411.1137, 0.3361,
0.3294

 40.5059, 0.3637,
0.3289

 99.5567, 0.3503,
0.3293

 27.9332, 0.3705,
0.3287


127.6326, 0.3473,
0.3293

 18.2753, 0.3794,
0.3282

160.5452, 0.3447,
0.3294

 11.1478, 0.3916,
0.3275

198.6790, 0.3425,
0.3294

 6.1664, 0.4090,
0.3261

242.4183, 0.3406,
0.3294

 2.9465, 0.4361,
0.3232

292.1477, 0.3389,

 1.1039, 0.4875,

0.3294

0.3188

348.2513, 0.3374,
0.3294

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.3778, 0.3583,
0.3291

56.3778, 0.3583,
0.3291

46.3191, 0.3874,
0.3292

68.2772, 0.3350,
0.3291

38.0021, 0.4230,
0.3293

82.0945, 0.3164,
0.3290

31.3301, 0.4653,
0.3294

96.9266, 0.3024,
0.3290

26.1941, 0.5127,
0.3295

■ 22.4717, 0.5605,
0.3297

■ 20.0221, 0.6018,
0.3298

■ 18.6756, 0.6291,
0.3299

■ 18.1868, 0.6400,
0.3299

Harmonies

Analogous

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



56.3778, 0.3375, 0.3077



56.3778, 0.3583, 0.3291



56.3778, 0.3663, 0.3514

Triad

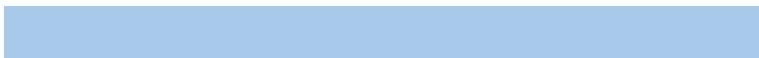
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.3778, 0.3583, 0.3291



56.3778, 0.3131, 0.3706



56.3778, 0.2677, 0.2883

Complementary

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



56.3778, 0.3583, 0.3291



77.6674, 0.2796, 0.3289

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.



56.3778, 0.2619, 0.3031



56.3778, 0.3583, 0.3291



56.3778, 0.2874, 0.3516

Square

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



56.3778, 0.3583, 0.3291



56.3778, 0.3394, 0.3769



56.3778, 0.2690, 0.3262



56.3778, 0.2851, 0.2845

Rectangle

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



56.3778, 0.3583, 0.3291



56.3778, 0.3631, 0.3642



56.3778, 0.2690, 0.3262



56.3778, 0.2644, 0.2921

Sweetspot

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



56.3804, 0.3583, 0.3291



88.0390, 0.3247, 0.3290



58.9006, 0.3146, 0.2735



18.6347, 0.3258, 0.3290



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.



56.3804, 0.3583, 0.3291



59.9942, 0.3715, 0.3291



68.0954, 0.3524, 0.3569



15.7590, 0.3293, 0.3290



10.1412, 0.6400, 0.3299



0.8437, 0.6399, 0.3299

Inverse Universe

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



56.3804, 0.3583, 0.3291



59.9942, 0.3715, 0.3291



63.7770, 0.2774, 0.2994



15.7590, 0.3293, 0.3290



10.1412, 0.6400, 0.3299



0.8437, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 56.3778, 0.3583, 0.3291 looks on a white background.

Color Contrast Check

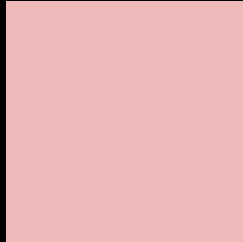
Large Text (above 18pt) WCAG AA × Fail

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 56.3778, 0.3583, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

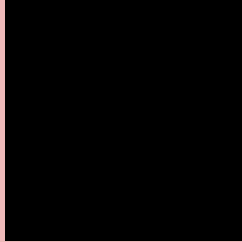
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3778, 0.3583, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 56.3778, 0.3583, 0.3291.



This preview shows how white text looks on a background with the Yxy color 56.3778, 0.3583, 0.3291.

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

56.3778, 0.3583, 0.3291

Protanopia

56.4348, 0.3212, 0.3350

Deuteranopia

56.4103, 0.3449, 0.3371



Tritanopia

56.2489, 0.3493, 0.3138

Trichromacy



Original Color

56.3778, 0.3583, 0.3291

Protanomaly

56.4130, 0.3347, 0.3337

Deuteranomaly

56.3499, 0.3496, 0.3348

Tritanomaly

56.4820, 0.3525, 0.3193

Monochromacy



Original Color

56.3778, 0.3583, 0.3291

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.2665, 0.3281, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3778, 0.3583, 0.3291 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(238, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(238, 185, 185)  
}
```

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(238, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 185, 185) }
```

Border

The CSS property to change the border of an element to Yxy 56.3778, 0.3583, 0.3291 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(238, 185, 185) }
```

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

```
.border{ border-color:rgb(238, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(238, 185,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3778, 0.3583, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 185, 185) }
```

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

```
.background{ background-color: rgb(238,  
185, 185) }
```

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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