

Converting Colors

Yxy(57.6761, 0.3541, 0.3460)

Have a look what the booklet for
Yxy(57.6761, 0.3541, 0.3460)
contains.

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Color

Yxy(57.8483, 0.3536, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	E4C1B2
RGB	228, 193, 178
RGB Percent	89%, 76%, 70%
CMY	0.1059, 0.2431, 0.3018
CMYK	0.00, 0.15, 0.22, 0.11
HSL	18°, 48%, 80%
HSV	18°, 22%, 89%
XYZ	59.1019, 57.8483, 50.1931
YIQ	201.7550, 25.6750, 2.7550

Conversions

Conversions Part 2

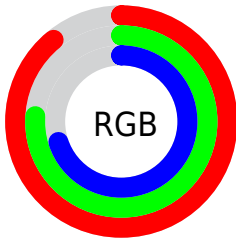
Format	Color
R _Y B	228, 199, 178
Decimal	14991794
CIE Lab	80.65, 10.15, 12.15
CIE LCh	81, 15.832, 50.108
Yxy	57.8483, 0.3536, 0.3461
Android (android.graphics.Color)	4293181874 (0xFFE4C1B2)
YUV	201.7550, -11.7112, 23.0169
Hunter-Lab	76.0581, 5.6040, 14.1133

Details

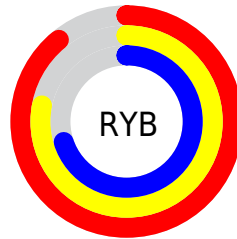
The Yxy color **57.8483, 0.3536, 0.3461** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.6746, 0.2790, 0.3112**, and the grayscale version is **58.9670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9519, 0.3256, 0.3436**, and **28.7166, 0.3651, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **50.3256, 0.3779, 0.3544**, and if you desaturate by 10%, it is **66.2909, 0.3330, 0.3380**.

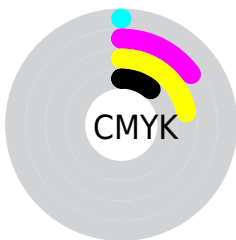
Distribution



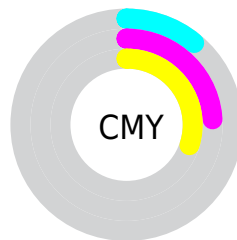
- Red (89%)
- Green (76%)
- Blue (70%)



- Red (89%)
- Yellow (78%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8483, 0.3536, 0.3461 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 57.8483, 0.3536, 0.3461 by changing the saturation by 10% instead.


 57.8483, 0.3536,
0.3461

 57.8483, 0.3536,
0.3461


416.6204, 0.3337,
0.3382

 41.6867, 0.3584,
0.3479


 101.7019, 0.3465,
0.3434

 28.8561, 0.3644,
0.3501


130.1627, 0.3438,
0.3423

 18.9720, 0.3723,
0.3529


163.4921, 0.3415,
0.3414

 11.6500, 0.3829,
0.3565

202.0743, 0.3395,
0.3406

 6.5058, 0.3980,
0.3613

246.2939, 0.3378,
0.3399

 3.1550, 0.4213,
0.3677

296.5352, 0.3363,

 1.2132, 0.4742,

0.3392

0.3870

353.1825, 0.3349,
0.3387

0.0724, 0.8138,
0.1862

0.0000, 0.0000,
0.0000

57.8483, 0.3536,
0.3461

57.8483, 0.3536,
0.3461

50.3256, 0.3779,
0.3544

66.2909, 0.3330,
0.3380

43.6834, 0.4063,
0.3626

75.6756, 0.3157,
0.3304

37.8907, 0.4387,
0.3700

86.0337, 0.3011,
0.3233

32.9119, 0.4744,
0.3756

95.2324, 0.2964,
0.3290

■ 28.7083, 0.5117,
0.3782

■ 25.2382, 0.5477,
0.3768

■ 22.4547, 0.5786,
0.3706

■ 20.6621, 0.5986,
0.3629

Harmonies

Analogous

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



57.8483, 0.3472, 0.3288



57.8483, 0.3536, 0.3461



57.8483, 0.3486, 0.3597

Triad

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



57.8483, 0.3536, 0.3461



57.8483, 0.2939, 0.3467



57.8483, 0.2911, 0.2945

Complementary

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



57.8483, 0.3536, 0.3461



62.6746, 0.2790, 0.3112

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.



57.8483, 0.2777, 0.2980



57.8483, 0.3536, 0.3461



57.8483, 0.2793, 0.3277

Square

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



57.8483, 0.3536, 0.3461



57.8483, 0.3138, 0.3608



57.8483, 0.2735, 0.3099



57.8483, 0.3105, 0.2997

Rectangle

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



57.8483, 0.3536, 0.3461



57.8483, 0.3397, 0.3646



57.8483, 0.2735, 0.3099



57.8483, 0.2857, 0.2947

Sweetspot

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



57.8509, 0.3536, 0.3461



91.1836, 0.3242, 0.3342



53.1979, 0.3266, 0.2894



19.3605, 0.3253, 0.3347



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.



57.8509, 0.3536, 0.3461



70.3062, 0.3635, 0.3496



69.4214, 0.3481, 0.3724



15.0682, 0.3285, 0.3361



12.1133, 0.5958, 0.3651



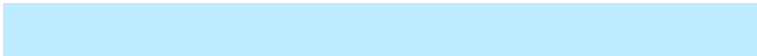
1.0533, 0.5671, 0.3879

Inverse Universe

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



62.6746, 0.2790, 0.3112



77.4976, 0.2725, 0.3073



51.4089, 0.2768, 0.2815



15.5692, 0.2981, 0.3218



17.9098, 0.1968, 0.2286



1.4841, 0.2014, 0.2450

Previews

White Background



This preview shows how the Yxy color 57.8483, 0.3536, 0.3461 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 57.8483, 0.3536, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

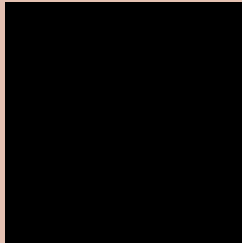
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8483, 0.3536, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 57.8483, 0.3536, 0.3461.



This preview shows how white text looks on a background with the Yxy color 57.8483, 0.3536, 0.3461.

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

57.8483, 0.3536, 0.3461

Protanopia

58.0958, 0.3324, 0.3505

Deuteranopia

57.8483, 0.3536, 0.3461



Tritanopia

57.7437, 0.3358, 0.3125

Trichromacy



Original Color

57.8483, 0.3536, 0.3461

Protanomaly

57.7158, 0.3395, 0.3478

Deuteranomaly

57.8483, 0.3536, 0.3461

Tritanomaly

57.5900, 0.3421, 0.3235

Monochromacy



Original Color

57.8483, 0.3536, 0.3461

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.5460, 0.3267, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8483, 0.3536, 0.3461 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, 193, 178)` looks like.

```
.text, #text, p{  
    color:rgb(228, 193, 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(228, 193, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 193, 178) }
```

Border

The CSS property to change the border of an element to Yxy 57.8483, 0.3536, 0.3461 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, 193, 178) }
```

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

```
.border{ border-color:rgb(228, 193, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 193, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 193, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 193, 178);  
box-shadow:4px 4px 4px 4px rgb(228, 193,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8483, 0.3536, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 193, 178) }
```

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

```
.background{ background-color: rgb(228,  
193, 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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