

Converting Colors

$Yxy(57.2152, 0.3537, 0.3484)$

Have a look what the booklet for
Yxy(57.2152, 0.3537, 0.3484)
contains.

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Color

Yxy(57.4433, 0.3536, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	E2C1B0
RGB	226, 193, 176
RGB Percent	89%, 76%, 69%
CMY	0.1137, 0.2431, 0.3099
CMYK	0.00, 0.15, 0.22, 0.11
HSL	20°, 46%, 79%
HSV	20°, 22%, 89%
XYZ	58.2672, 57.4433, 49.0723
YIQ	200.9290, 25.1250, 1.7090

Conversions

Conversions Part 2

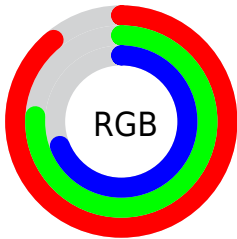
Format	Color
RYB	226, 202, 176
Decimal	14860720
CIELab	80.43, 9.11, 12.92
CIElCh	80, 15.805, 54.805
Yxy	57.4433, 0.3536, 0.3486
Android (android.graphics.Color)	4293050800 (0xFFE2C1B0)
YUV	200.9290, -12.2900, 21.9873
Hunter-Lab	75.7914, 4.5931, 14.6657

Details

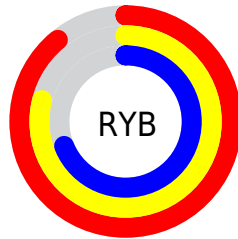
The Yxy color **57.4433, 0.3536, 0.3486** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.2957, 0.2784, 0.3085**, and the grayscale version is **58.4283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8376, 0.3268, 0.3456**, and **28.4413, 0.3650, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **50.3645, 0.3774, 0.3580**, and if you desaturate by 10%, it is **65.3401, 0.3333, 0.3394**.

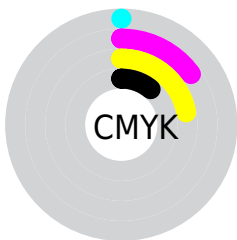
Distribution



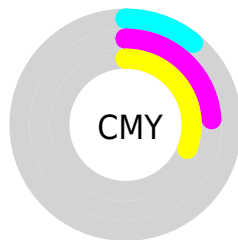
- Red (89%)
- Green (76%)
- Blue (69%)



- Red (89%)
- Yellow (79%)
- Blue (69%)



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





- Cyan (11%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4433, 0.3536, 0.3486 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 57.4433, 0.3536, 0.3486 by changing the saturation by 10% instead.


 57.4433, 0.3536,
0.3486

 57.4433, 0.3536,
0.3486

415.1083, 0.3337,
0.3395

 41.3613, 0.3584,
0.3507


 101.1117, 0.3465,
0.3454

 28.6015, 0.3644,
0.3533

129.4669, 0.3438,
0.3442

 18.7796, 0.3723,
0.3566


162.6819, 0.3415,
0.3431

 11.5111, 0.3829,
0.3608

201.1412, 0.3395,
0.3422

 6.4117, 0.3981,
0.3665

245.2290, 0.3378,
0.3414

 3.0970, 0.4214,
0.3743

295.3299, 0.3363,

 1.1826, 0.4795,

0.3407

0.4005

351.8282, 0.3349,
0.3400

0.0474, 0.8494,
0.1506

0.0000, 0.0000,
0.0000

57.4433, 0.3536,
0.3486

57.4433, 0.3536,
0.3486

50.3645, 0.3774,
0.3580

65.3401, 0.3333,
0.3394

44.0689, 0.4049,
0.3673

74.0727, 0.3160,
0.3308

38.5308, 0.4360,
0.3757

83.6680, 0.3014,
0.3227

33.7196, 0.4700,
0.3822

93.3957, 0.2952,
0.3266

■ 29.6029, 0.5054,
0.3856

■ 94.9085, 0.2952,
0.3289

■ 26.1451, 0.5395,
0.3847

■ 23.3066, 0.5690,
0.3787

■ 21.4745, 0.5881,
0.3713

Harmonies

Analogous

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



57.4433, 0.3489, 0.3316



57.4433, 0.3536, 0.3486



57.4433, 0.3469, 0.3612

Triad

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



57.4433, 0.3536, 0.3486



57.4433, 0.2912, 0.3439



57.4433, 0.2938, 0.2948

Complementary

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



57.4433, 0.3536, 0.3486



60.2957, 0.2784, 0.3085

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.



57.4433, 0.2792, 0.2968



57.4433, 0.3536, 0.3486



57.4433, 0.2777, 0.3247

Square

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



57.4433, 0.3536, 0.3486



57.4433, 0.3105, 0.3592



57.4433, 0.2735, 0.3075



57.4433, 0.3138, 0.3012

Rectangle

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



57.4433, 0.3536, 0.3486



57.4433, 0.3371, 0.3652



57.4433, 0.2735, 0.3075



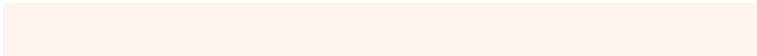
57.4433, 0.2881, 0.2945

Sweetspot

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



57.4459, 0.3536, 0.3486



91.6225, 0.3242, 0.3350



51.8251, 0.3288, 0.2916



19.4620, 0.3252, 0.3355



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.



57.4459, 0.3536, 0.3486



70.7094, 0.3651, 0.3533



69.2683, 0.3479, 0.3755



14.4600, 0.3284, 0.3370



12.4495, 0.5852, 0.3735



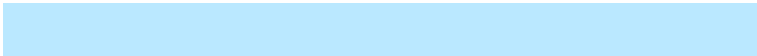
1.0251, 0.5554, 0.3972

Inverse Universe

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



60.2957, 0.2784, 0.3085



75.1359, 0.2707, 0.3032



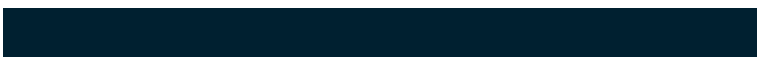
49.1246, 0.2762, 0.2778



14.7449, 0.2982, 0.3208



15.6262, 0.1928, 0.2140



1.2472, 0.1983, 0.2338

Previews

White Background



This preview shows how the Yxy color 57.4433, 0.3536, 0.3486 looks on a white background.

Color Contrast Check

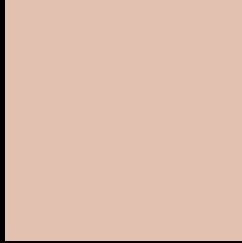
Large Text (above 18pt) WCAG AA × Fail

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 57.4433, 0.3536, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

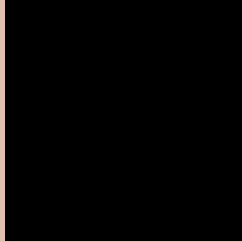
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4433, 0.3536, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 57.4433, 0.3536, 0.3486.



This preview shows how white text looks on a background with the Yxy color 57.4433, 0.3536, 0.3486.

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

57.4433, 0.3536, 0.3486

Protanopia

57.5114, 0.3349, 0.3529

Deuteranopia

57.3278, 0.3555, 0.3473



Tritanopia

57.4128, 0.3341, 0.3124

Trichromacy



Original Color

57.4433, 0.3536, 0.3486

Protanomaly

57.5939, 0.3418, 0.3514

Deuteranomaly

57.1648, 0.3547, 0.3474

Tritanomaly

57.2159, 0.3412, 0.3246

Monochromacy



Original Color

57.4433, 0.3536, 0.3486

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8956, 0.3268, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4433, 0.3536, 0.3486 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(226, 193, 176)` looks like.

```
.text, #text, p{  
    color:rgb(226, 193, 176)  
}
```

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(226, 193, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 193, 176) }
```

Border

The CSS property to change the border of an element to Yxy 57.4433, 0.3536, 0.3486 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(226, 193, 176) }
```

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

```
.border{ border-color:rgb(226, 193, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 193, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 193, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 193, 176);  
box-shadow:4px 4px 4px 4px rgb(226, 193,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4433, 0.3536, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 193, 176) }
```

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

```
.background{ background-color: rgb(226,  
193, 176) }
```

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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