

Converting Colors

Yxy(57.7816, 0.3600, 0.3470)

Have a look what the booklet for
Yxy(57.7816, 0.3600, 0.3470)
contains.

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Color

Yxy(57.6804, 0.3609, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	E9BFAF
RGB	233, 191, 175
RGB Percent	91%, 75%, 69%
CMY	0.0862, 0.2510, 0.3138
CMYK	0.00, 0.18, 0.25, 0.09
HSL	17°, 57%, 80%
HSV	17°, 25%, 91%
XYZ	59.9737, 57.6804, 48.5240
YIQ	201.7340, 30.1680, 3.9280

Conversions

Conversions Part 2

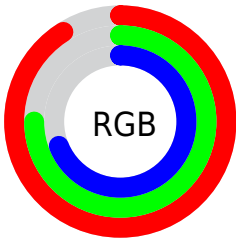
Format	Color
R _Y B	233, 197, 175
Decimal	15318959
CIE Lab	80.56, 12.64, 13.72
CIE LCh	81, 18.656, 47.329
Yxy	57.6804, 0.3609, 0.3471
Android (android.graphics.Color)	4293509039 (0xFFE9BFAF)
YUV	201.7340, -13.1799, 27.4203
Hunter-Lab	75.9476, 8.0480, 15.2821

Details

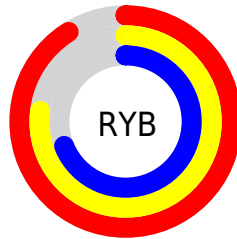
The Yxy color **57.6804, 0.3609, 0.3471** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.6184, 0.2745, 0.3101**, and the grayscale version is **58.9593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5511, 0.3276, 0.3446**, and **28.9541, 0.3735, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **49.9060, 0.3868, 0.3548**, and if you desaturate by 10%, it is **66.4655, 0.3390, 0.3395**.

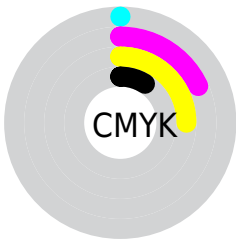
Distribution



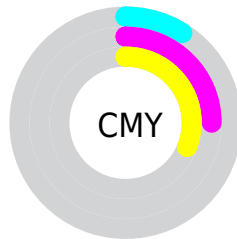
- Red (91%)
- Green (75%)
- Blue (69%)



- Red (91%)
- Yellow (77%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (25%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6804, 0.3609, 0.3471 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 57.6804, 0.3609, 0.3471 by changing the saturation by 10% instead.


 57.6804, 0.3609,
0.3471

 57.6804, 0.3609,
0.3471


415.9940, 0.3375,
0.3388

 41.5518, 0.3665,
0.3489


 101.4573, 0.3525,
0.3443

 28.7505, 0.3737,
0.3512


129.8744, 0.3494,
0.3431

 18.8921, 0.3829,
0.3540


163.1563, 0.3466,
0.3422

 11.5924, 0.3955,
0.3575

201.6876, 0.3443,
0.3413

 6.4668, 0.4133,
0.3620

245.8527, 0.3423,
0.3406

 3.1309, 0.4406,
0.3677

296.0358, 0.3405,

 1.2005, 0.5078,

0.3399

0.3902

352.6214, 0.3389,
0.3394

0.0621, 0.8555,
0.1445

0.0000, 0.0000,
0.0000

57.6804, 0.3609,
0.3471

57.6804, 0.3609,
0.3471

49.9060, 0.3868,
0.3548

66.4655, 0.3390,
0.3395

43.0977, 0.4171,
0.3622

76.2881, 0.3206,
0.3323

37.2190, 0.4515,
0.3686

87.1840, 0.3052,
0.3257

32.2281, 0.4891,
0.3729

96.0648, 0.2993,
0.3290

■ 28.0797, 0.5275,
0.3740

■ 24.7242, 0.5632,
0.3708

■ 22.1058, 0.5923,
0.3632

■ 21.0274, 0.6043,
0.3584

Harmonies

Analogous

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



57.6804, 0.3521, 0.3267



57.6804, 0.3609, 0.3471



57.6804, 0.3562, 0.3639

Triad

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



57.6804, 0.3609, 0.3471



57.6804, 0.2925, 0.3519



57.6804, 0.2854, 0.2885

Complementary

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



57.6804, 0.3609, 0.3471



64.6184, 0.2745, 0.3101

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.



57.6804, 0.2707, 0.2933



57.6804, 0.3609, 0.3471



57.6804, 0.2747, 0.3295

Square

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



57.6804, 0.3609, 0.3471



57.6804, 0.3162, 0.3678



57.6804, 0.2668, 0.3080



57.6804, 0.3078, 0.2938

Rectangle

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



57.6804, 0.3609, 0.3471



57.6804, 0.3462, 0.3705



57.6804, 0.2668, 0.3080



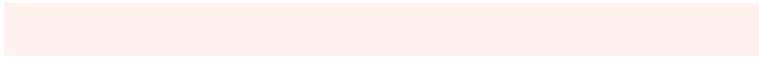
57.6804, 0.2794, 0.2890

Sweetspot

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



57.6830, 0.3609, 0.3471



90.9334, 0.3243, 0.3338



53.0186, 0.3281, 0.2827



19.3027, 0.3253, 0.3343



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.



57.6830, 0.3609, 0.3471



65.6254, 0.3740, 0.3512



71.3281, 0.3536, 0.3775



15.7307, 0.3286, 0.3356



12.1088, 0.6016, 0.3605



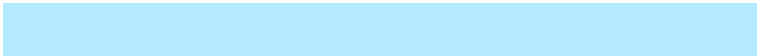
1.1074, 0.5745, 0.3821

Inverse Universe

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



64.6184, 0.2745, 0.3101



75.5238, 0.2667, 0.3056



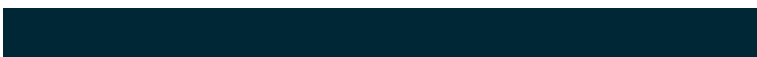
51.1885, 0.2714, 0.2752



16.3780, 0.2981, 0.3223



19.5911, 0.1991, 0.2368



1.6980, 0.2031, 0.2511

Previews

White Background



This preview shows how the Yxy color 57.6804, 0.3609, 0.3471 looks on a white background.

Color Contrast Check

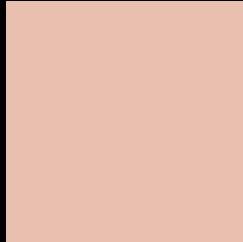
Large Text (above 18pt) WCAG AA × Fail

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 57.6804, 0.3609, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

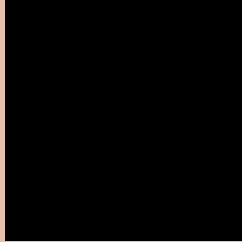
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6804, 0.3609, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 57.6804, 0.3609, 0.3471.



This preview shows how white text looks on a background with the Yxy color 57.6804, 0.3609, 0.3471.

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

57.6804, 0.3609, 0.3471

Protanopia

58.1185, 0.3355, 0.3540

Deuteranopia

57.8931, 0.3569, 0.3495



Tritanopia

57.6378, 0.3419, 0.3127

Trichromacy



Original Color

57.6804, 0.3609, 0.3471

Protanomaly

58.0523, 0.3443, 0.3512

Deuteranomaly

57.6174, 0.3581, 0.3484

Tritanomaly

57.4344, 0.3491, 0.3247

Monochromacy



Original Color

57.6804, 0.3609, 0.3471

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.3401, 0.3292, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6804, 0.3609, 0.3471 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(233, 191, 175)` looks like.

```
.text, #text, p{  
    color:rgb(233, 191, 175)  
}
```

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(233, 191, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 191, 175) }
```

Border

The CSS property to change the border of an element to Yxy 57.6804, 0.3609, 0.3471 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(233, 191, 175) }
```

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

```
.border{ border-color:rgb(233, 191, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 191, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 191, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 191, 175);  
box-shadow:4px 4px 4px 4px rgb(233, 191,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6804, 0.3609, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 191, 175) }
```

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

```
.background{ background-color: rgb(233,  
191, 175) }
```

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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