

Converting Colors

$Yxy(57.6204, 0.3594, 0.3389)$

Have a look what the booklet for
Yxy(57.6204, 0.3594, 0.3389)
contains.

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Color

Yxy(57.5233, 0.3598, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	ECBDB4
RGB	236, 189, 180
RGB Percent	93%, 74%, 71%
CMY	0.0744, 0.2588, 0.2940
CMYK	0.00, 0.20, 0.24, 0.07
HSL	10°, 60%, 82%
HSV	10°, 24%, 93%
XYZ	61.0347, 57.5233, 51.0772
YIQ	202.0270, 30.9010, 7.1650

Conversions

Conversions Part 2

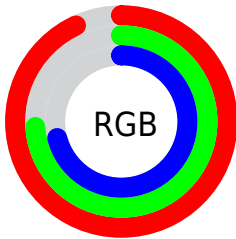
Format	Color
R _{YB}	236, 191, 180
Decimal	15515060
CIE Lab	80.47, 15.54, 10.93
CIE LCh	80, 18.998, 35.130
Yxy	57.5233, 0.3598, 0.3391
Android (android.graphics.Color)	4293705140 (0xFFECBDB4)
YUV	202.0270, -10.8593, 29.7943
Hunter-Lab	75.8441, 10.9188, 13.1621

Details

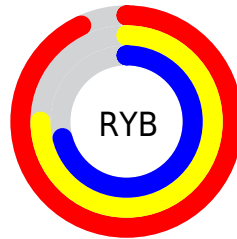
The Yxy color **57.5233, 0.3598, 0.3391** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7278, 0.2769, 0.3186**, and the grayscale version is **59.1381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6209, 0.3247, 0.3378**, and **28.7243, 0.3721, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **48.6923, 0.3871, 0.3436**, and if you desaturate by 10%, it is **67.6886, 0.3372, 0.3347**.

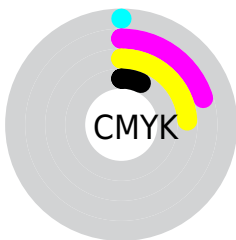
Distribution



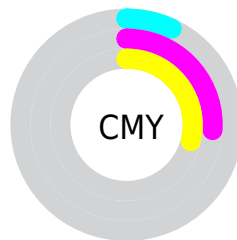
- Red (93%)
- Green (74%)
- Blue (71%)



- Red (93%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (7%)





- Cyan (7%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5233, 0.3598, 0.3391 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 57.5233, 0.3598, 0.3391 by changing the saturation by 10% instead.


 57.5233, 0.3598,
0.3391

 57.5233, 0.3598,
0.3391


415.4073, 0.3369,
0.3347

 41.4255, 0.3653,
0.3400


 101.2283, 0.3516,
0.3376

 28.6517, 0.3723,
0.3412


129.6044, 0.3485,
0.3370

 18.8175, 0.3814,
0.3425


162.8420, 0.3458,
0.3365

 11.5385, 0.3938,
0.3441

201.3256, 0.3436,
0.3360

 6.4303, 0.4114,
0.3460

245.4395, 0.3416,
0.3356

 3.1084, 0.4386,
0.3478

295.5682, 0.3398,

 1.1886, 0.4955,

0.3353

352.0960, 0.3383,
0.3349

0.3555

0.0524, 0.8912,
0.1088

0.0000, 0.0000,
0.0000

57.5233, 0.3598,
0.3391

57.5233, 0.3598,
0.3391

48.6923, 0.3871,
0.3436

67.6886, 0.3372,
0.3347

41.1324, 0.4198,
0.3480

79.2323, 0.3187,
0.3305

34.7872, 0.4578,
0.3516

92.2061, 0.3035,
0.3266

29.5927, 0.4999,
0.3538

96.5766, 0.3011,
0.3290

■ 25.4791, 0.5432,
0.3538

■ 22.3688, 0.5828,
0.3509

■ 20.1735, 0.6130,
0.3451

■ 19.2113, 0.6262,
0.3410

Harmonies

Analogous

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



57.5233, 0.3457, 0.3183



57.5233, 0.3598, 0.3391



57.5233, 0.3606, 0.3584

Triad

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



57.5233, 0.3598, 0.3391



57.5233, 0.3015, 0.3602



57.5233, 0.2776, 0.2885

Complementary

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



57.5233, 0.3598, 0.3391



70.7278, 0.2769, 0.3186

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.



57.5233, 0.2669, 0.2976



57.5233, 0.3598, 0.3391



57.5233, 0.2803, 0.3391

Square

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



57.5233, 0.3598, 0.3391



57.5233, 0.3263, 0.3719



57.5233, 0.2678, 0.3159



57.5233, 0.2977, 0.2898

Rectangle

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



57.5233, 0.3598, 0.3391



57.5233, 0.3536, 0.3677



57.5233, 0.2678, 0.3159



57.5233, 0.2728, 0.2904

Sweetspot

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



57.5259, 0.3598, 0.3391



89.7094, 0.3244, 0.3318



56.0684, 0.3220, 0.2783



19.0200, 0.3255, 0.3321



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.



57.5259, 0.3598, 0.3391



63.7526, 0.3712, 0.3411



70.4608, 0.3531, 0.3685



15.4438, 0.3289, 0.3328



10.7091, 0.6241, 0.3426



0.9582, 0.6002, 0.3616

Inverse Universe

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



70.7278, 0.2769, 0.3186



81.7971, 0.2706, 0.3165



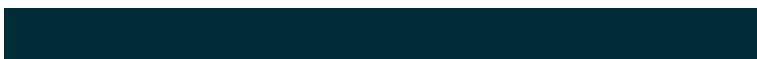
56.8969, 0.2742, 0.2860



16.6869, 0.2981, 0.3251



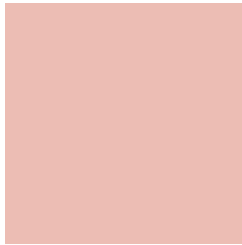
25.8071, 0.2104, 0.2773



2.1365, 0.2126, 0.2852

Previews

White Background



This preview shows how the Yxy color 57.5233, 0.3598, 0.3391 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 57.5233, 0.3598, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

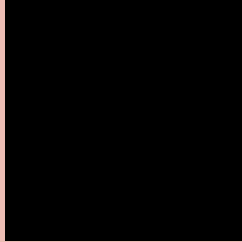
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5233, 0.3598, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 57.5233, 0.3598, 0.3391.



This preview shows how white text looks on a background with the Yxy color 57.5233, 0.3598, 0.3391.

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

57.5233, 0.3598, 0.3391

Protanopia

57.6150, 0.3295, 0.3457

Deuteranopia

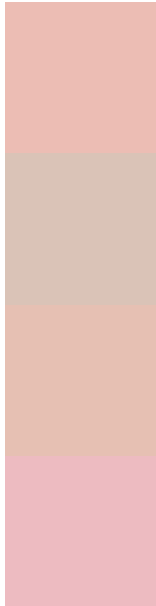
57.7255, 0.3520, 0.3450



Tritanopia

57.4651, 0.3454, 0.3138

Trichromacy



Original Color

57.5233, 0.3598, 0.3391

Protanomaly

57.3545, 0.3408, 0.3430

Deuteranomaly

57.7769, 0.3548, 0.3438

Tritanomaly

57.3954, 0.3502, 0.3225

Monochromacy



Original Color

57.5233, 0.3598, 0.3391

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.1237, 0.3286, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5233, 0.3598, 0.3391 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(236, 189, 180)` looks like.

```
.text, #text, p{  
    color:rgb(236, 189, 180)  
}
```

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(236, 189, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 189, 180) }
```

Border

The CSS property to change the border of an element to Yxy 57.5233, 0.3598, 0.3391 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(236, 189, 180) }
```

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

```
.border{ border-color:rgb(236, 189, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 189, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 189, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 189, 180);  
box-shadow:4px 4px 4px 4px rgb(236, 189,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5233, 0.3598, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 189, 180) }
```

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

```
.background{ background-color: rgb(236,  
189, 180) }
```

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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