

Converting Colors

$Yxy(58.0376, 0.3600, 0.3450)$

Have a look what the booklet for
Yxy(58.0376, 0.3600, 0.3450)
contains.

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Color

Yxy(57.9284, 0.3601, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	EABFB1
RGB	234, 191, 177
RGB Percent	92%, 75%, 69%
CMY	0.0823, 0.2510, 0.3059
CMYK	0.00, 0.18, 0.24, 0.08
HSL	15°, 58%, 81%
HSV	15°, 24%, 92%
XYZ	60.4989, 57.9284, 49.5785
YIQ	202.2610, 30.1220, 4.7620

Conversions

Conversions Part 2

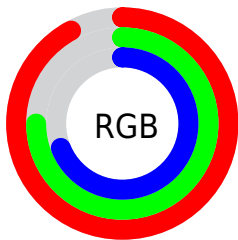
Format	Color
RYB	234, 196, 177
Decimal	15384497
CIELab	80.70, 13.30, 12.86
CIELCh	81, 18.497, 44.035
Yxy	57.9284, 0.3601, 0.3448
Android (android.graphics.Color)	4293574577 (0xFFEABFB1)
YUV	202.2610, -12.4537, 27.8351
Hunter-Lab	76.1107, 8.6924, 14.6560

Details

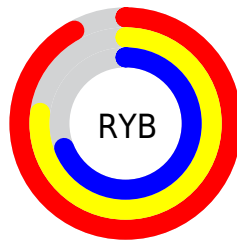
The Yxy color **57.9284, 0.3601, 0.3448** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4664, 0.2755, 0.3126**, and the grayscale version is **59.3006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6647, 0.3264, 0.3427**, and **28.9793, 0.3724, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **49.8373, 0.3863, 0.3517**, and if you desaturate by 10%, it is **67.1122, 0.3381, 0.3380**.

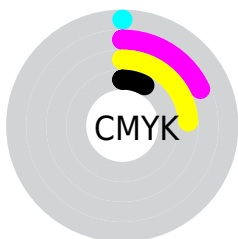
Distribution



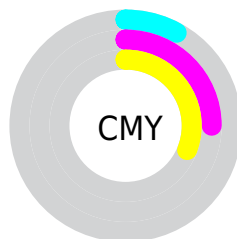
- Red (92%)
- Green (75%)
- Blue (69%)



- Red (92%)
- Yellow (77%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (8%)




- Cyan (8%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9284, 0.3601, 0.3448 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 57.9284, 0.3601, 0.3448 by changing the saturation by 10% instead.


 57.9284, 0.3601,
0.3448

 57.9284, 0.3601,
0.3448


416.9191, 0.3371,
0.3376

 41.7511, 0.3656,
0.3464


 101.8186, 0.3519,
0.3423

 28.9064, 0.3726,
0.3483


130.3003, 0.3488,
0.3414

 19.0101, 0.3817,
0.3507


163.6522, 0.3461,
0.3405

 11.6775, 0.3941,
0.3537

202.2587, 0.3438,
0.3398

 6.5245, 0.4116,
0.3574

246.5043, 0.3418,
0.3392

 3.1666, 0.4385,
0.3621

296.7733, 0.3400,

 1.2193, 0.4998,

0.3386

0.3788

353.4501, 0.3385,
0.3381

0.0774, 0.8373,
0.1627

0.0000, 0.0000,
0.0000

57.9284, 0.3601,
0.3448

57.9284, 0.3601,
0.3448

49.8373, 0.3863,
0.3517

67.1122, 0.3381,
0.3380

42.7901, 0.4171,
0.3583

77.4196, 0.3197,
0.3317

36.7456, 0.4524,
0.3640

88.8900, 0.3045,
0.3257

31.6572, 0.4912,
0.3678

96.2339, 0.2999,
0.3290

■ 27.4742, 0.5309,
0.3686

■ 24.1407, 0.5680,
0.3654

■ 21.5941, 0.5978,
0.3582

■ 20.4733, 0.6109,
0.3531

Harmonies

Analogous

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



57.9284, 0.3500, 0.3245



57.9284, 0.3601, 0.3448



57.9284, 0.3569, 0.3621

Triad

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



57.9284, 0.3601, 0.3448



57.9284, 0.2951, 0.3538



57.9284, 0.2836, 0.2889

Complementary

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



57.9284, 0.3601, 0.3448



66.4664, 0.2755, 0.3126

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.



57.9284, 0.2701, 0.2948



57.9284, 0.3601, 0.3448



57.9284, 0.2765, 0.3320

Square

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



57.9284, 0.3601, 0.3448



57.9284, 0.3188, 0.3685



57.9284, 0.2676, 0.3103



57.9284, 0.3052, 0.2931

Rectangle

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



57.9284, 0.3601, 0.3448



57.9284, 0.3478, 0.3694



57.9284, 0.2676, 0.3103



57.9284, 0.2780, 0.2898

Sweetspot

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



57.9311, 0.3601, 0.3448



90.6132, 0.3243, 0.3333



54.1364, 0.3261, 0.2817



19.2287, 0.3254, 0.3337



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.



57.9311, 0.3601, 0.3448



65.5518, 0.3720, 0.3481



71.2273, 0.3531, 0.3745



15.6555, 0.3287, 0.3349



11.6697, 0.6083, 0.3552



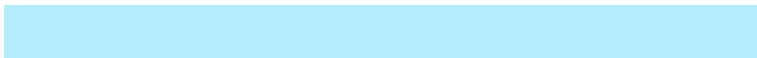
1.0640, 0.5815, 0.3765

Inverse Universe

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



66.4664, 0.2755, 0.3126



77.5130, 0.2685, 0.3090



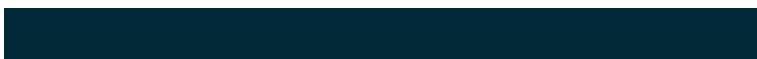
53.0692, 0.2726, 0.2789



16.4580, 0.2981, 0.3231



21.0979, 0.2021, 0.2475



1.8057, 0.2056, 0.2602

Previews

White Background



This preview shows how the Yxy color 57.9284, 0.3601, 0.3448 looks on a white background.

Color Contrast Check

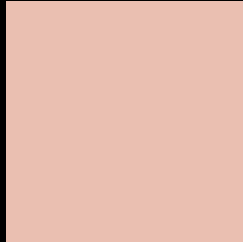
Large Text (above 18pt) WCAG AA × Fail

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 57.9284, 0.3601, 0.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

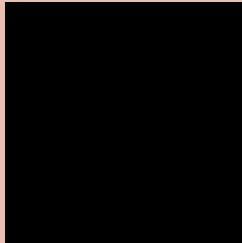
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9284, 0.3601, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 57.9284, 0.3601, 0.3448.



This preview shows how white text looks on a background with the Yxy color 57.9284, 0.3601, 0.3448.

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

57.9284, 0.3601, 0.3448

Protanopia

58.2413, 0.3333, 0.3504

Deuteranopia

57.9723, 0.3553, 0.3472



Tritanopia

57.8094, 0.3427, 0.3127

Trichromacy



Original Color

57.9284, 0.3601, 0.3448

Protanomaly

58.1332, 0.3428, 0.3489

Deuteranomaly

57.8625, 0.3573, 0.3460

Tritanomaly

57.6496, 0.3491, 0.3236

Monochromacy



Original Color

57.9284, 0.3601, 0.3448

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.5346, 0.3292, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9284, 0.3601, 0.3448 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(234, 191, 177)` looks like.

```
.text, #text, p{  
    color:rgb(234, 191, 177)  
}
```

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(234, 191, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 191, 177) }
```

Border

The CSS property to change the border of an element to Yxy 57.9284, 0.3601, 0.3448 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(234, 191, 177) }
```

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

```
.border{ border-color:rgb(234, 191, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 191, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 191, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 191, 177);  
box-shadow:4px 4px 4px 4px rgb(234, 191,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9284, 0.3601, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 191, 177) }
```

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

```
.background{ background-color: rgb(234,  
191, 177) }
```

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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