

Converting Colors

Yxy(57.2240, 0.3626, 0.3600)

Have a look what the booklet for
Yxy(57.2240, 0.3626, 0.3600)
contains.

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Color

Yxy(57.2240, 0.3626, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	E3C1A6
RGB	227, 193, 166
RGB Percent	89%, 76%, 65%
CMY	0.1097, 0.2431, 0.3489
CMYK	0.00, 0.15, 0.27, 0.11
HSL	27°, 52%, 77%
HSV	27°, 27%, 89%
XYZ	57.6373, 57.2240, 44.0943
YIQ	200.0880, 28.9310, -1.1890

Conversions

Conversions Part 2

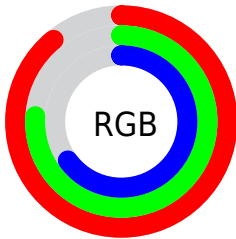
Format	Color
R _Y B	227, 214, 166
Decimal	14926246
CIE Lab	80.31, 8.10, 18.07
CIE LCh	80, 19.808, 65.854
Yxy	57.2240, 0.3626, 0.3600
Android (android.graphics.Color)	4293116326 (0xFFE3C1A6)
YUV	200.0880, -16.8054, 23.6018
Hunter-Lab	75.6465, 3.6228, 18.3925

Details

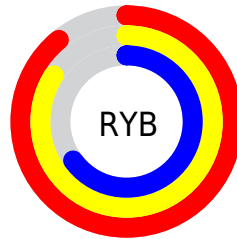
The Yxy color **57.2240, 0.3626, 0.3600** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.9857, 0.2704, 0.2958**, and the grayscale version is **57.9113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2318, 0.3335, 0.3565**, and **28.6290, 0.3757, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **51.1047, 0.3863, 0.3721**, and if you desaturate by 10%, it is **63.9750, 0.3418, 0.3480**.

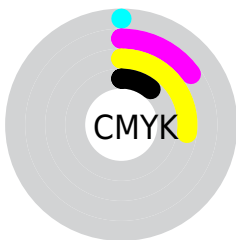
Distribution



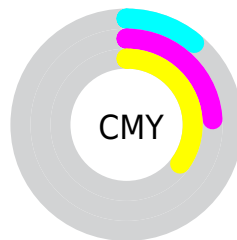
- Red (89%)
- Green (76%)
- Blue (65%)



- Red (89%)
- Yellow (84%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (11%)




- Cyan (11%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2240, 0.3626, 0.3600 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 57.2240, 0.3626, 0.3600 by changing the saturation by 10% instead.


 57.2240, 0.3626,
0.3600


 57.2240, 0.3626,
0.3600


414.2881, 0.3384,
0.3455

 41.1851, 0.3684,
0.3633

 100.7920, 0.3540,
0.3549

 28.4638, 0.3757,
0.3675


 129.0898, 0.3507,
0.3530

 18.6755, 0.3852,
0.3727


162.2428, 0.3479,
0.3513

 11.4361, 0.3979,
0.3794

200.6353, 0.3455,
0.3498

 6.3609, 0.4159,
0.3883

244.6516, 0.3434,
0.3485

 3.0658, 0.4428,
0.4004

294.6763, 0.3415,

 1.1662, 0.5390,

0.3474

0.4610

351.0937, 0.3399,
0.3464

0.0338, 0.8718,
0.1282

0.0000, 0.0000,
0.0000

57.2240, 0.3626,
0.3600

57.2240, 0.3626,
0.3600

51.1047, 0.3863,
0.3721

63.9750, 0.3418,
0.3480

45.5895, 0.4128,
0.3837

71.3684, 0.3237,
0.3365

40.6603, 0.4417,
0.3938

79.4248, 0.3081,
0.3257

36.2945, 0.4720,
0.4013

88.0428, 0.2956,
0.3175

■ 32.4682, 0.5021,
0.4049

■ 95.0739, 0.2958,
0.3290

■ 29.1546, 0.5298,
0.4035

■ 26.3229, 0.5530,
0.3965

■ 25.5242, 0.5597,
0.3938

Harmonies

Analogous

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



57.2240, 0.3621, 0.3400



57.2240, 0.3626, 0.3600



57.2240, 0.3492, 0.3729

Triad

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



57.2240, 0.3626, 0.3600



57.2240, 0.2784, 0.3389



57.2240, 0.2976, 0.2883

Complementary

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



57.2240, 0.3626, 0.3600



54.9857, 0.2704, 0.2958

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.



57.2240, 0.2764, 0.2866



57.2240, 0.3626, 0.3600



57.2240, 0.2657, 0.3147

Square

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



57.2240, 0.3626, 0.3600



57.2240, 0.3004, 0.3612



57.2240, 0.2650, 0.2958



57.2240, 0.3238, 0.2997

Rectangle

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



57.2240, 0.3626, 0.3600



57.2240, 0.3346, 0.3750



57.2240, 0.2650, 0.2958



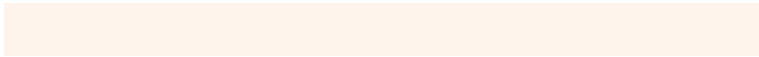
57.2240, 0.2897, 0.2866

Sweetspot

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



57.2266, 0.3626, 0.3600



91.7089, 0.3257, 0.3378



47.8124, 0.3385, 0.2899



19.3091, 0.3283, 0.3395



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.



57.2266, 0.3626, 0.3600



70.1325, 0.3749, 0.3665



71.8377, 0.3543, 0.3919



15.4117, 0.3281, 0.3394



15.1073, 0.5572, 0.3958



1.2990, 0.5321, 0.4157

Inverse Universe

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



54.9857, 0.2704, 0.2958



66.7680, 0.2618, 0.2881



42.4396, 0.2666, 0.2572



15.2138, 0.2981, 0.3183



12.2649, 0.1828, 0.1779



1.0908, 0.1894, 0.2019

Previews

White Background



This preview shows how the Yxy color 57.2240, 0.3626, 0.3600 looks on a white background.

Color Contrast Check

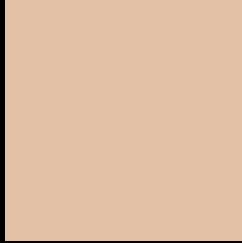
Large Text (above 18pt) WCAG AA × Fail

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 57.2240, 0.3626, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

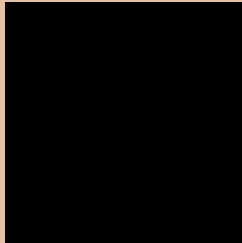
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2240, 0.3626, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 57.2240, 0.3626, 0.3600.



This preview shows how white text looks on a background with the Yxy color 57.2240, 0.3626, 0.3600.

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

57.2240, 0.3626, 0.3600

Protanopia

57.4131, 0.3442, 0.3649

Deuteranopia

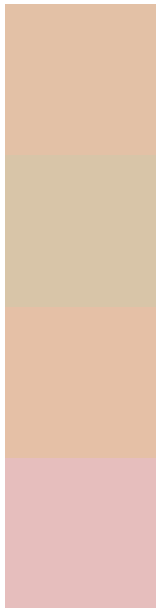
57.2754, 0.3655, 0.3587



Tritanopia

57.2196, 0.3375, 0.3135

Trichromacy



Original Color

57.2240, 0.3626, 0.3600

Protanomaly

57.3586, 0.3505, 0.3632

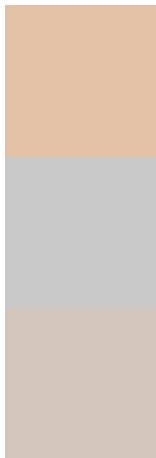
Deuteranomaly

57.1105, 0.3646, 0.3587

Tritanomaly

57.3240, 0.3470, 0.3302

Monochromacy



Original Color

57.2240, 0.3626, 0.3600

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.2650, 0.3299, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2240, 0.3626, 0.3600 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(227, 193, 166)` looks like.

```
.text, #text, p{  
    color:rgb(227, 193, 166)  
}
```

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(227, 193, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 193, 166) }
```

Border

The CSS property to change the border of an element to Yxy 57.2240, 0.3626, 0.3600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

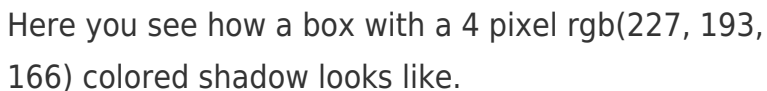
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 193, 166) }
```

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

```
.border{ border-color:rgb(227, 193, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 193, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 193, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 193, 166); box-shadow:4px 4px 4px 4px rgb(227, 193, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2240, 0.3626, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 193, 166) }
```

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

```
.background{ background-color: rgb(227,  
193, 166) }
```

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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