

Converting Colors

Yxy(57.5003, 0.3669, 0.4180)

Have a look what the booklet for
Yxy(57.5003, 0.3669, 0.4180)
contains.

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Color

Yxy(57.6348, 0.3668, 0.4184)

Conversions

Conversions Part 1

Format	Color
Hex	CCCC82
RGB	204, 204, 130
RGB Percent	80%, 80%, 51%
CMY	0.2000, 0.2000, 0.4901
CMYK	0.00, 0.00, 0.36, 0.20
HSL	60°, 42%, 65%
HSV	60°, 36%, 80%
XYZ	50.5269, 57.6348, 29.5888
YIQ	195.5640, 23.7540, -23.0140

Conversions

Conversions Part 2

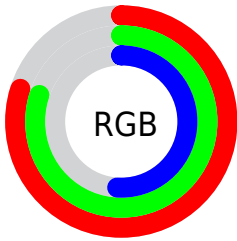
Format	Color
RYB	130, 204, 130
Decimal	13421698
CIELab	80.54, -11.06, 36.90
CIELCh	81, 38.518, 106.687
Yxy	57.6348, 0.3668, 0.4184
Android (android.graphics.Color)	4291611778 (0xFFCCCC82)
YUV	195.5640, -32.3231, 7.3984
Hunter-Lab	75.9176, -14.0553, 30.0341

Details

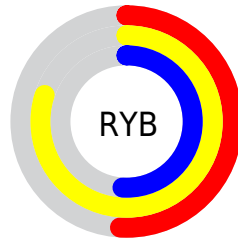
The Yxy color **57.6348, 0.3668, 0.4184** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.0816, 0.2472, 0.2207**, and the grayscale version is **55.1168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2407, 0.3550, 0.3988**, and **28.7668, 0.3794, 0.4417** is the 20% darker color. If you saturate the color by 10%, you get **57.1418, 0.3806, 0.4412**, and if you desaturate by 10%, it is **58.2417, 0.3520, 0.3940**.

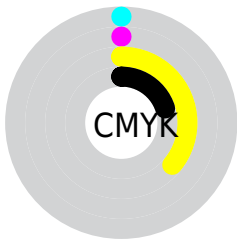
Distribution



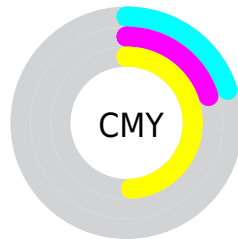
- Red (80%)
- Green (80%)
- Blue (51%)



- Red (51%)
- Yellow (80%)
- Blue (51%)



- Cyan (0%)
- Magenta (0%)
- Yellow (36%)
- Black (20%)




- Cyan (20%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6348, 0.3668, 0.4184 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 57.6348, 0.3668, 0.4184 by changing the saturation by 10% instead.

 57.6348, 0.3668,
0.4184


 57.6348, 0.3668,
0.4184


415.8237, 0.3418,
0.3749

 41.5151, 0.3723,
0.4287


 101.3909, 0.3583,
0.4030

 28.7218, 0.3788,
0.4415

 129.7960, 0.3549,
0.3971

 18.8705, 0.3867,
0.4577


 163.0651, 0.3520,
0.3920

 11.5767, 0.3960,
0.4789

201.5826, 0.3495,
0.3877

 6.4562, 0.4063,
0.5068

245.7328, 0.3472,
0.3839

 3.1244, 0.4331,
0.5669

295.9001, 0.3452,

 1.1970, 0.4120,

0.3805

0.5880

352.4690, 0.3434,
0.3776

■ 0.0593, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6348, 0.3668,
0.4184

■ 57.6348, 0.3668,
0.4184

■ 57.1418, 0.3806,
0.4412

■ 58.2417, 0.3520,
0.3940

■ 56.7483, 0.3929,
0.4615


■ 58.9604, 0.3369,
0.3690

■ 56.4499, 0.4031,
0.4784

■ 59.7993, 0.3219,
0.3442

■ 56.2385, 0.4108,
0.4912


■ 60.7632, 0.3074,
0.3202


 56.1046, 0.4160,
0.4997


 61.8572, 0.2936,
0.2974

 56.0365, 0.4187,
0.5041

 63.0858, 0.2807,
0.2761

 56.0195, 0.4193,
0.5052

 63.2511, 0.2792,
0.2736

 63.2520, 0.2792,
0.2736

 63.2528, 0.2792,
0.2736

Harmonies

Analogous

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



57.6348, 0.4020, 0.3970



57.6348, 0.3668, 0.4184



57.6348, 0.3187, 0.4133

Triad

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



57.6348, 0.3668, 0.4184



57.6348, 0.2219, 0.2843



57.6348, 0.3514, 0.2854

Complementary

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



57.6348, 0.3668, 0.4184



25.0816, 0.2472, 0.2207

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.



57.6348, 0.3002, 0.2598



57.6348, 0.3668, 0.4184



57.6348, 0.2288, 0.2568

Square

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



57.6348, 0.3668, 0.4184



57.6348, 0.2366, 0.3289



57.6348, 0.2562, 0.2492



57.6348, 0.3941, 0.3213

Rectangle

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



57.6348, 0.3668, 0.4184



57.6348, 0.2862, 0.3930



57.6348, 0.2562, 0.2492



57.6348, 0.3344, 0.2755

Sweetspot

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



57.6374, 0.3668, 0.4184



98.3217, 0.3292, 0.3562



30.4562, 0.3981, 0.3277



21.0044, 0.3313, 0.3596



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.



57.6374, 0.3668, 0.4184



94.7507, 0.3784, 0.4375



53.1543, 0.3369, 0.4281



13.0966, 0.3266, 0.3519



35.2562, 0.4193, 0.5052



1.8189, 0.4193, 0.5052

Inverse Universe

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



25.0816, 0.2472, 0.2207



32.6297, 0.2294, 0.1913



28.4157, 0.2793, 0.2296



10.8442, 0.2982, 0.3050



2.7443, 0.1500, 0.0600



0.1416, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 57.6348, 0.3668, 0.4184 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 57.6348, 0.3668, 0.4184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

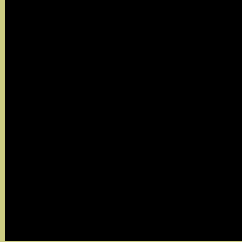
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6348, 0.3668, 0.4184

Background



This preview shows how black text looks on a background with the Yxy color 57.6348, 0.3668, 0.4184.



This preview shows how white text looks on a background with the Yxy color 57.6348, 0.3668, 0.4184.

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

57.6348, 0.3668, 0.4184

Protanopia

57.6188, 0.3810, 0.4130

Deuteranopia

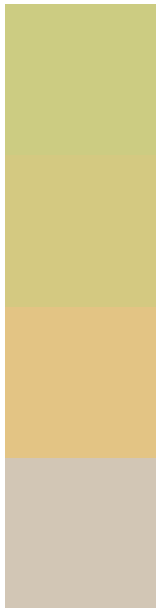
57.4803, 0.4015, 0.3924



Tritanopia

57.3829, 0.3160, 0.3106

Trichromacy



Original Color

57.6348, 0.3668, 0.4184

Protanomaly

57.3553, 0.3756, 0.4143

Deuteranomaly

57.4767, 0.3885, 0.4018

Tritanomaly

57.4260, 0.3352, 0.3492

Monochromacy



Original Color

57.6348, 0.3668, 0.4184

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.9675, 0.3328, 0.3622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6348, 0.3668, 0.4184 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(204, 204, 130)` looks like.

```
.text, #text, p{  
    color:rgb(204, 204, 130)  
}
```

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(204, 204, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 204, 130) }
```

Border

The CSS property to change the border of an element to Yxy 57.6348, 0.3668, 0.4184 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(204, 204, 130) }
```

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

```
.border{ border-color:rgb(204, 204, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 204, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 204, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 204, 130);  
box-shadow:4px 4px 4px 4px rgb(204, 204,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6348, 0.3668, 0.4184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 204, 130) }
```

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

```
.background{ background-color: rgb(204,  
204, 130) }
```

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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