

Converting Colors

$Yxy(58.7745, 0.3308, 0.3471)$

Have a look what the booklet for
Yxy(58.7745, 0.3308, 0.3471)
contains.

Yxy(58.8314, 0.3308, 0.3480)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.8314, 0.3308, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	D1C9B9
RGB	209, 201, 185
RGB Percent	82%, 79%, 73%
CMY	0.1806, 0.2117, 0.2745
CMYK	0.00, 0.04, 0.11, 0.18
HSL	40°, 21%, 77%
HSV	40°, 11%, 82%
XYZ	55.9236, 58.8314, 54.3007
YIQ	201.5680, 9.9040, -3.2800

Conversions

Conversions Part 2

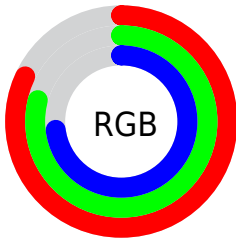
Format	Color
R_{YB}	197, 209, 185
Decimal	13748665
CIE Lab	81.20, 0.02, 8.98
CIE LCh	81, 8.981, 89.902
Yxy	58.8314, 0.3308, 0.3480
Android (android.graphics.Color)	4291938745 (0xFFD1C9B9)
YUV	201.5680, -8.1680, 6.5179
Hunter-Lab	76.7016, -4.0824, 11.7169

Details

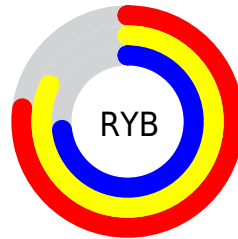
The Yxy color **58.8314, 0.3308, 0.3480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0092, 0.2949, 0.3093**, and the grayscale version is **58.8229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **29.4034, 0.3350, 0.3527** is the 20% darker color. If you saturate the color by 10%, you get **54.8689, 0.3483, 0.3654**, and if you desaturate by 10%, it is **63.0734, 0.3149, 0.3314**.

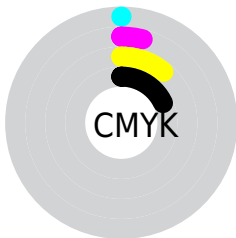
Distribution



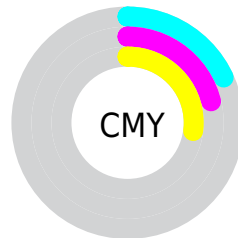
- Red (82%)
- Green (79%)
- Blue (73%)



- Red (77%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (18%)




- Cyan (18%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8314, 0.3308, 0.3480 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 58.8314, 0.3308, 0.3480 by changing the saturation by 10% instead.

 58.8314, 0.3308,
0.3480

 58.8314, 0.3308,
0.3480


420.2768, 0.3221,
0.3389

 42.4774, 0.3329,
0.3502


 103.1326, 0.3277,
0.3448

 29.4753, 0.3355,
0.3529


131.8486, 0.3265,
0.3435

 19.4407, 0.3389,
0.3565

165.4540, 0.3255,
0.3425

 11.9891, 0.3434,
0.3612

204.3333, 0.3247,
0.3416

 6.7363, 0.3499,
0.3680

248.8708, 0.3239,
0.3408

 3.2977, 0.3597,
0.3783

299.4510, 0.3232,

 1.2891, 0.3787,

0.3401

356.4582, 0.3226,
0.3394

0.3983

0.1327, 0.4880,
0.5120

0.0000, 0.0000,
0.0000

58.8314, 0.3308,
0.3480

58.8314, 0.3308,
0.3480

54.8689, 0.3483,
0.3654

63.0734, 0.3149,
0.3314

51.1706, 0.3673,
0.3830

67.5941, 0.3006,
0.3157

47.7311, 0.3875,
0.4004

72.4031, 0.2878,
0.3011

44.5419, 0.4084,
0.4166

76.6021, 0.2839,
0.3011

■ 41.5939, 0.4293,
0.4306

■ 80.4898, 0.2843,
0.3085

■ 38.8769, 0.4493,
0.4413

■ 84.5309, 0.2847,
0.3158

■ 36.3796, 0.4673,
0.4476

■ 88.7272, 0.2851,
0.3231

■ 34.0890, 0.4824,
0.4489

■ 92.2861, 0.2854,
0.3289

■ 32.2784, 0.4932,
0.4466

Harmonies

Analogous

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



58.8314, 0.3355, 0.3418



58.8314, 0.3308, 0.3480



58.8314, 0.3213, 0.3491

Triad

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



58.8314, 0.3308, 0.3480



58.8314, 0.2920, 0.3250



58.8314, 0.3155, 0.3141

Complementary

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



58.8314, 0.3308, 0.3480



53.0092, 0.2949, 0.3093

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.



58.8314, 0.3039, 0.3097



58.8314, 0.3308, 0.3480



58.8314, 0.2905, 0.3157

Square

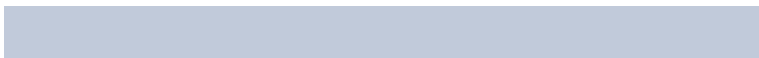
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.8314, 0.3308, 0.3480



58.8314, 0.2990, 0.3357



58.8314, 0.2948, 0.3102



58.8314, 0.3265, 0.3224

Rectangle

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



58.8314, 0.3308, 0.3480



58.8314, 0.3136, 0.3467



58.8314, 0.2948, 0.3102



58.8314, 0.3115, 0.3122

Sweetspot

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



58.8340, 0.3308, 0.3480



97.9153, 0.3173, 0.3339



52.0889, 0.3266, 0.3195



20.8401, 0.3185, 0.3352



0.0000, 0.0000, 0.0000



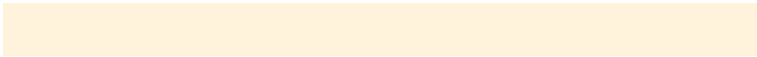
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.8340, 0.3308, 0.3480



90.6156, 0.3354, 0.3526



62.0436, 0.3266, 0.3573



13.1120, 0.3274, 0.3445



20.1024, 0.4918, 0.4477



1.2661, 0.4753, 0.4608

Inverse Universe

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



53.0092, 0.2949, 0.3093



79.5304, 0.2905, 0.3042



50.1105, 0.2979, 0.2996



12.0465, 0.2982, 0.3130



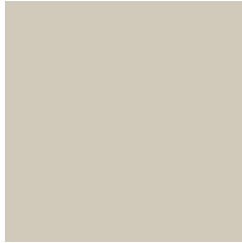
5.6276, 0.1634, 0.1083



0.4589, 0.1739, 0.1459

Previews

White Background



This preview shows how the Yxy color 58.8314, 0.3308, 0.3480 looks on a white background.

Color Contrast Check

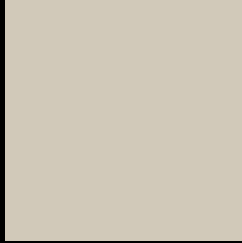
Large Text (above 18pt) WCAG AA × Fail

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 58.8314, 0.3308, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

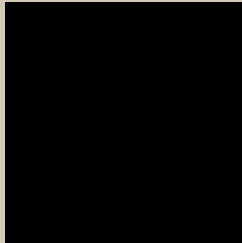
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

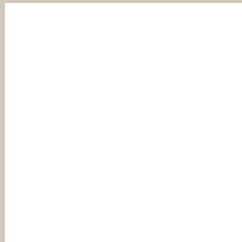
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8314, 0.3308, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 58.8314, 0.3308, 0.3480.

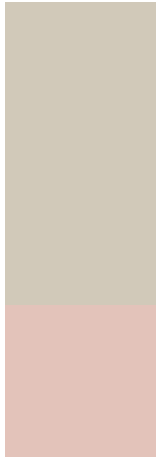


This preview shows how white text looks on a background with the Yxy color 58.8314, 0.3308, 0.3480.

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

58.8314, 0.3308, 0.3480

Protanopia

58.8314, 0.3308, 0.3480

Deuteranopia

58.9063, 0.3459, 0.3393



Tritanopia

58.8321, 0.3143, 0.3119

Trichromacy



Original Color

58.8314, 0.3308, 0.3480

Protanomaly

58.8314, 0.3308, 0.3480

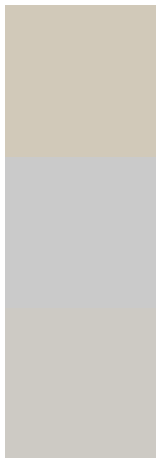
Deuteranomaly

58.6933, 0.3397, 0.3417

Tritanomaly

58.6495, 0.3208, 0.3244

Monochromacy



Original Color

58.8314, 0.3308, 0.3480

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.2057, 0.3194, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8314, 0.3308, 0.3480 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(209, 201, 185)` looks like.

```
.text, #text, p{  
    color:rgb(209, 201, 185)  
}
```

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(209, 201, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 201, 185) }
```

Border

The CSS property to change the border of an element to Yxy 58.8314, 0.3308, 0.3480 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(209, 201, 185) }
```

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

```
.border{ border-color:rgb(209, 201, 185) }
```

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

Here you see how a box with a 4 pixel rgb(209, 201, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 201, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 201, 185);  
box-shadow:4px 4px 4px 4px rgb(209, 201,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8314, 0.3308, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 201, 185) }
```

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

```
.background{ background-color: rgb(209,  
201, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor