

Converting Colors

$Yxy(58.4594, 0.3423, 0.3552)$

Have a look what the booklet for
Yxy(58.4594, 0.3423, 0.3552)
contains.

Yxy(58.4682, 0.3422, 0.3549)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.4682, 0.3422, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	D7C7B1
RGB	215, 199, 177
RGB Percent	84%, 78%, 69%
CMY	0.1570, 0.2195, 0.3059
CMYK	0.00, 0.07, 0.18, 0.16
HSL	35°, 32%, 77%
HSV	35°, 18%, 84%
XYZ	56.3759, 58.4682, 49.9014
YIQ	201.2760, 16.5980, -3.4500

Conversions

Conversions Part 2

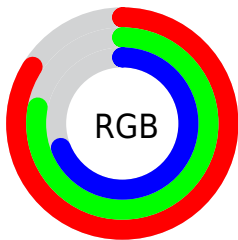
Format	Color
R _Y B	205, 215, 177
Decimal	14141361
CIE Lab	81.00, 2.01, 13.04
CIE LCh	81, 13.193, 81.255
Yxy	58.4682, 0.3422, 0.3549
Android (android.graphics.Color)	4292331441 (0xFFD7C7B1)
YUV	201.2760, -11.9681, 12.0359
Hunter-Lab	76.4645, -2.2080, 14.8320

Details

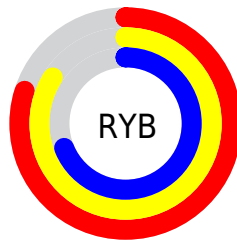
The Yxy color **58.4682, 0.3422, 0.3549** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3645, 0.2849, 0.3017**, and the grayscale version is **58.6555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **29.1796, 0.3504, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **53.6468, 0.3616, 0.3704**, and if you desaturate by 10%, it is **63.6764, 0.3248, 0.3399**.

Distribution



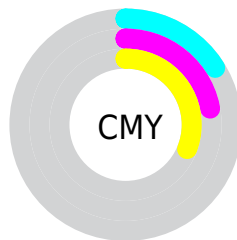
- Red (84%)
- Green (78%)
- Blue (69%)



- Red (80%)
- Yellow (84%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (16%)





- Cyan (16%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4682, 0.3422, 0.3549 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 58.4682, 0.3422, 0.3549 by changing the saturation by 10% instead.


 58.4682, 0.3422,
0.3549

 58.4682, 0.3422,
0.3549


418.9283, 0.3280,
0.3425

 42.1852, 0.3456,
0.3578


 102.6044, 0.3372,
0.3505

 29.2463, 0.3499,
0.3615


131.2263, 0.3352,
0.3488

 19.2672, 0.3554,
0.3662

164.7299, 0.3336,
0.3474

 11.8635, 0.3628,
0.3725

203.4997, 0.3322,
0.3462

 6.6508, 0.3733,
0.3814

247.9201, 0.3309,
0.3451

 3.2447, 0.3893,
0.3945

298.3754, 0.3298,

 1.2608, 0.4296,

0.3441

0.4294

355.2500, 0.3289,
0.3433

■ 0.1105, 0.5822,
0.4178

■ 0.0000, 0.0000,
0.0000

■ 58.4682, 0.3422,
0.3549

■ 58.4682, 0.3422,
0.3549

■ 53.6468, 0.3616,
0.3704

■ 63.6764, 0.3248,
0.3399

■ 49.1940, 0.3830,
0.3858

■ 69.2736, 0.3093,
0.3258

■ 45.1010, 0.4060,
0.4006

■ 75.2721, 0.2956,
0.3125

■ 41.3561, 0.4300,
0.4138

■ 81.1565, 0.2880,
0.3083

■ 37.9463, 0.4542,
0.4241

■ 86.4630, 0.2884,
0.3178

■ 34.8576, 0.4772,
0.4304

■ 92.0358, 0.2888,
0.3271

■ 32.0741, 0.4977,
0.4316

■ 93.1827, 0.2888,
0.3289

■ 29.5754, 0.5148,
0.4277

■ 29.0277, 0.5186,
0.4264

Harmonies

Analogous

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



58.4682, 0.3466, 0.3439



58.4682, 0.3422, 0.3549



58.4682, 0.3298, 0.3592

Triad

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



58.4682, 0.3422, 0.3549



58.4682, 0.2846, 0.3274



58.4682, 0.3116, 0.3048

Complementary

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



58.4682, 0.3422, 0.3549



52.3645, 0.2849, 0.3017

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.



58.4682, 0.2953, 0.3003



58.4682, 0.3422, 0.3549



58.4682, 0.2800, 0.3127

Square

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



58.4682, 0.3422, 0.3549



58.4682, 0.2966, 0.3431



58.4682, 0.2838, 0.3030



58.4682, 0.3287, 0.3154

Rectangle

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



58.4682, 0.3422, 0.3549



58.4682, 0.3188, 0.3573



58.4682, 0.2838, 0.3030



58.4682, 0.3059, 0.3025

Sweetspot

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



58.4708, 0.3422, 0.3549



95.8363, 0.3205, 0.3362



49.7520, 0.3324, 0.3097



20.3902, 0.3217, 0.3372



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.



58.4708, 0.3422, 0.3549



83.4973, 0.3488, 0.3603



65.8223, 0.3372, 0.3730



13.6051, 0.3277, 0.3425



17.5811, 0.5167, 0.4279



1.2225, 0.4954, 0.4448

Inverse Universe

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



52.3645, 0.2849, 0.3017



72.9807, 0.2790, 0.2955



45.9896, 0.2858, 0.2815



12.8574, 0.2982, 0.3151



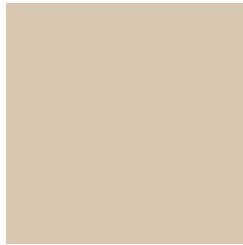
7.5388, 0.1704, 0.1332



0.6164, 0.1798, 0.1674

Previews

White Background



This preview shows how the Yxy color 58.4682, 0.3422, 0.3549 looks on a white background.

Color Contrast Check

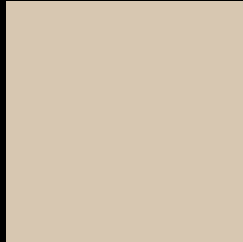
Large Text (above 18pt) WCAG AA × Fail

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 58.4682, 0.3422, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

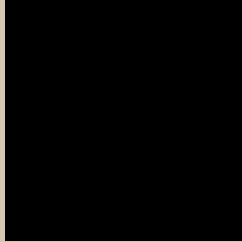
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

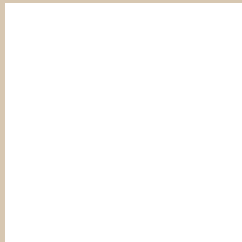
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4682, 0.3422, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 58.4682, 0.3422, 0.3549.



This preview shows how white text looks on a background with the Yxy color 58.4682, 0.3422, 0.3549.

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

58.4682, 0.3422, 0.3549

Protanopia

58.6893, 0.3370, 0.3563

Deuteranopia

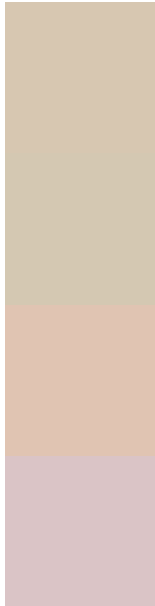
58.4559, 0.3543, 0.3472



Tritanopia

58.2968, 0.3208, 0.3109

Trichromacy



Original Color

58.4682, 0.3422, 0.3549

Protanomaly

58.5200, 0.3388, 0.3550

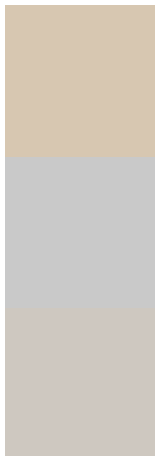
Deuteranomaly

58.5415, 0.3496, 0.3497

Tritanomaly

58.4625, 0.3289, 0.3268

Monochromacy



Original Color

58.4682, 0.3422, 0.3549

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2361, 0.3233, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4682, 0.3422, 0.3549 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(215, 199, 177)` looks like.

```
.text, #text, p{  
    color:rgb(215, 199, 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(215, 199, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 199, 177) }
```

Border

The CSS property to change the border of an element to Yxy 58.4682, 0.3422, 0.3549 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(215, 199, 177) }
```

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

```
.border{ border-color:rgb(215, 199, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 199, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 199, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 199, 177);  
box-shadow:4px 4px 4px 4px rgb(215, 199,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4682, 0.3422, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 199, 177) }
```

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

```
.background{ background-color: rgb(215,  
199, 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](#).

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