

Converting Colors

$Yxy(60.1715, 0.3568, 0.3807)$

Have a look what the booklet for
Yxy(60.1715, 0.3568, 0.3807)
contains.

Yxy(59.9668, 0.3568, 0.3805)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.9668, 0.3568, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	D9CB9F
RGB	217, 203, 159
RGB Percent	85%, 80%, 62%
CMY	0.1489, 0.2039, 0.3766
CMYK	0.00, 0.06, 0.27, 0.15
HSL	46°, 43%, 74%
HSV	46°, 27%, 85%
XYZ	56.2317, 59.9668, 41.4015
YIQ	202.1700, 22.4680, -10.7160

Conversions

Conversions Part 2

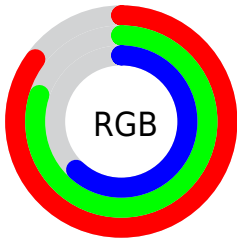
Format	Color
RYB	177, 217, 159
Decimal	14273439
CIELab	81.82, -1.89, 23.76
CIELCh	82, 23.837, 94.559
Yxy	59.9668, 0.3568, 0.3805
Android (android.graphics.Color)	4292463519 (0xFFD9CB9F)
YUV	202.1700, -21.2828, 13.0059
Hunter-Lab	77.4382, -5.8993, 22.5080

Details

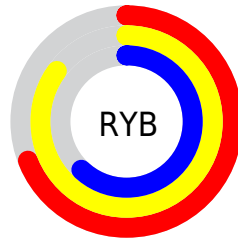
The Yxy color **59.9668, 0.3568, 0.3805** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.2652, 0.2683, 0.2716**, and the grayscale version is **59.3010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **30.1335, 0.3674, 0.3940** is the 20% darker color. If you saturate the color by 10%, you get **56.8472, 0.3751, 0.4001**, and if you desaturate by 10%, it is **63.3078, 0.3393, 0.3608**.

Distribution



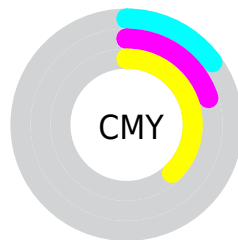
- Red (85%)
- Green (80%)
- Blue (62%)



- Red (69%)
- Yellow (85%)
- Blue (62%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (15%)




- Cyan (15%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9668, 0.3568, 0.3805 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 59.9668, 0.3568, 0.3805 by changing the saturation by 10% instead.


 59.9668, 0.3568,
0.3805

 59.9668, 0.3568,
0.3805


424.4754, 0.3359,
0.3559

 43.3919, 0.3617,
0.3863


 104.7815, 0.3495,
0.3718

 30.1927, 0.3677,
0.3935


 133.7901, 0.3466,
0.3685

 19.9849, 0.3754,
0.4028

167.7120, 0.3442,
0.3656

 12.3841, 0.3855,
0.4149

206.9316, 0.3421,
0.3631

 7.0058, 0.3990,
0.4316

251.8334, 0.3402,
0.3610

 3.4657, 0.4177,
0.4551

302.8017, 0.3386,

 1.3794, 0.4754,

0.3591

0.5246

360.2209, 0.3372,
0.3574

0.2015, 0.4189,
0.5811

0.0000, 0.0000,
0.0000

59.9668, 0.3568,
0.3805

59.9668, 0.3568,
0.3805

56.8472, 0.3751,
0.4001

63.3078, 0.3393,
0.3608

53.9331, 0.3938,
0.4188

66.8693, 0.3230,
0.3415

51.2189, 0.4122,
0.4356

70.6607, 0.3080,
0.3231

48.6954, 0.4295,
0.4495

74.6886, 0.2943,
0.3058

46.3522, 0.4449,
0.4594

78.1282, 0.2890,
0.3021

44.1775, 0.4577,
0.4647

81.0762, 0.2892,
0.3076

42.1561, 0.4674,
0.4652

84.1126, 0.2894,
0.3132

41.5228, 0.4702,
0.4648

87.2380, 0.2896,
0.3186

90.4533, 0.2898,
0.3240

Harmonies

Analogous

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



59.9668, 0.3722, 0.3644



59.9668, 0.3568, 0.3805



59.9668, 0.3299, 0.3827

Triad

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



59.9668, 0.3568, 0.3805



59.9668, 0.2578, 0.3129



59.9668, 0.3243, 0.2939

Complementary

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



59.9668, 0.3568, 0.3805



42.2652, 0.2683, 0.2716

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.



59.9668, 0.2935, 0.2809



59.9668, 0.3568, 0.3805



59.9668, 0.2563, 0.2904

Square

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



59.9668, 0.3568, 0.3805



59.9668, 0.2731, 0.3419



59.9668, 0.2691, 0.2793



59.9668, 0.3531, 0.3152

Rectangle

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



59.9668, 0.3568, 0.3805



59.9668, 0.3093, 0.3749



59.9668, 0.2691, 0.2793



59.9668, 0.3138, 0.2884

Sweetspot

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



59.9695, 0.3568, 0.3805



95.6517, 0.3251, 0.3440



42.5797, 0.3558, 0.3117



20.3035, 0.3275, 0.3469



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.



59.9695, 0.3568, 0.3805



83.8769, 0.3669, 0.3914



64.7654, 0.3415, 0.3981



14.7032, 0.3273, 0.3466



25.3030, 0.4693, 0.4655



1.7697, 0.4595, 0.4734

Inverse Universe

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



42.2652, 0.2683, 0.2716



54.3374, 0.2581, 0.2575



38.7398, 0.2782, 0.2550



13.1253, 0.2981, 0.3107



4.6800, 0.1577, 0.0878



0.4378, 0.1664, 0.1191

Previews

White Background



This preview shows how the Yxy color 59.9668, 0.3568, 0.3805 looks on a white background.

Color Contrast Check

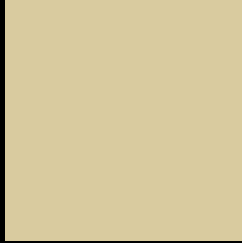
Large Text (above 18pt) WCAG AA × Fail

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 59.9668, 0.3568, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

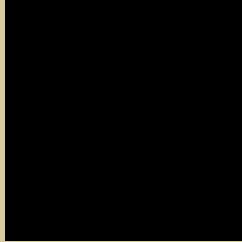
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9668, 0.3568, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 59.9668, 0.3568, 0.3805.



This preview shows how white text looks on a background with the Yxy color 59.9668, 0.3568, 0.3805.

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

59.9668, 0.3568, 0.3805

Protanopia

59.9668, 0.3568, 0.3805

Deuteranopia

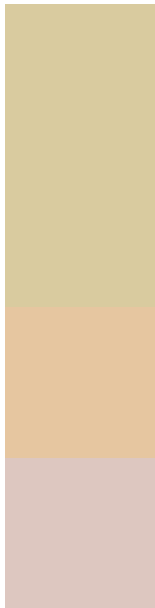
59.7806, 0.3755, 0.3667



Tritanopia

59.8710, 0.3230, 0.3123

Trichromacy



Original Color

59.9668, 0.3568, 0.3805

Protanomaly

59.9668, 0.3568, 0.3805

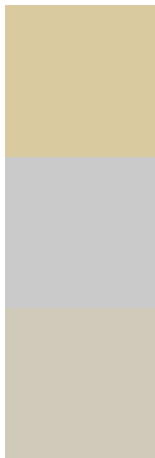
Deuteranomaly

59.7492, 0.3685, 0.3721

Tritanomaly

60.0248, 0.3355, 0.3371

Monochromacy



Original Color

59.9668, 0.3568, 0.3805

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0516, 0.3284, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9668, 0.3568, 0.3805 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(217, 203, 159)` looks like.

```
.text, #text, p{  
    color:rgb(217, 203, 159)  
}
```

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(217, 203, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 203, 159) }
```

Border

The CSS property to change the border of an element to Yxy 59.9668, 0.3568, 0.3805 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(217, 203, 159) }
```

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

```
.border{ border-color:rgb(217, 203, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 203, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 203, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 203, 159);  
box-shadow:4px 4px 4px 4px rgb(217, 203,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9668, 0.3568, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 203, 159) }
```

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

```
.background{ background-color: rgb(217,  
203, 159) }
```

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