

Converting Colors

Yxy(59.1430, 0.3420, 0.3501)

Have a look what the booklet for
Yxy(59.1430, 0.3420, 0.3501)
contains.

Yxy(59.0885, 0.3416, 0.3500)	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(59.0885, 0.3416, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	DAC7B5
RGB	218, 199, 181
RGB Percent	85%, 78%, 71%
CMY	0.1452, 0.2195, 0.2903
CMYK	0.00, 0.09, 0.17, 0.15
HSL	29°, 33%, 78%
HSV	29°, 17%, 85%
XYZ	57.6704, 59.0885, 52.0654
YIQ	202.6290, 17.1020, -1.5700

Conversions

Conversions Part 2

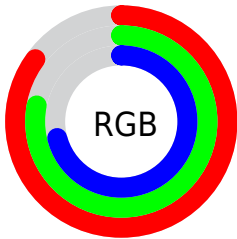
Format	Color
R _Y B	218, 216, 181
Decimal	14337973
CIE Lab	81.34, 3.72, 11.43
CIE LCh	81, 12.023, 71.959
Yxy	59.0885, 0.3416, 0.3500
Android (android.graphics.Color)	4292528053 (0xFFDAC7B5)
YUV	202.6290, -10.6631, 13.4804
Hunter-Lab	76.8690, -0.6027, 13.6497

Details

The Yxy color **59.0885, 0.3416, 0.3500** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1604, 0.2862, 0.3071**, and the grayscale version is **59.5353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **29.5958, 0.3496, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **53.3116, 0.3619, 0.3631**, and if you desaturate by 10%, it is **65.3880, 0.3238, 0.3374**.

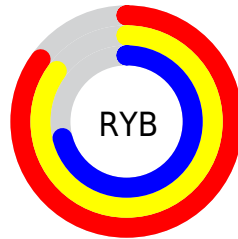
Distribution



Red (85%)

Green (78%)

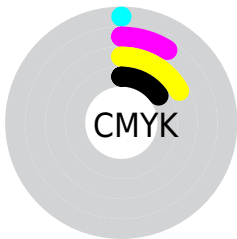
Blue (71%)



Red (85%)

Yellow (85%)

Blue (71%)

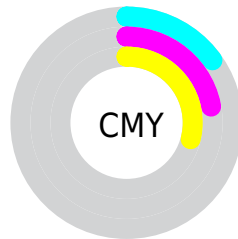


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (15%)



Cyan (15%)


Magenta (22%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0885, 0.3416, 0.3500 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 59.0885, 0.3416, 0.3500 by changing the saturation by 10% instead.


 59.0885, 0.3416,
0.3500

 59.0885, 0.3416,
0.3500

421.2298, 0.3277,
0.3400

 42.6844, 0.3449,
0.3523


 103.5063, 0.3367,
0.3465

 29.6375, 0.3491,
0.3553


132.2887, 0.3348,
0.3451

 19.5636, 0.3545,
0.3590


165.9660, 0.3332,
0.3440

 12.0783, 0.3619,
0.3640

204.9226, 0.3318,
0.3430

 6.7970, 0.3722,
0.3709

249.5429, 0.3305,
0.3421

 3.3355, 0.3880,
0.3811

300.2113, 0.3295,

 1.3093, 0.4212,

0.3413

0.4037

357.3121, 0.3285,
0.3406

0.1484, 0.6098,
0.3902

0.0000, 0.0000,
0.0000

59.0885, 0.3416,
0.3500

59.0885, 0.3416,
0.3500

53.3116, 0.3619,
0.3631

65.3880, 0.3238,
0.3374

48.0350, 0.3848,
0.3763

72.2161, 0.3082,
0.3255

43.2458, 0.4100,
0.3890

79.5887, 0.2948,
0.3144

38.9279, 0.4372,
0.4002

86.6414, 0.2902,
0.3174

■ 35.0638, 0.4654,
0.4088

■ 93.5577, 0.2906,
0.3288

■ 31.6347, 0.4931,
0.4134

■ 93.6424, 0.2906,
0.3289

■ 28.6196, 0.5185,
0.4129

■ 25.9936, 0.5399,
0.4070

■ 25.2674, 0.5460,
0.4047

Harmonies

Analogous

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



59.0885, 0.3430, 0.3387



59.0885, 0.3416, 0.3500



59.0885, 0.3323, 0.3560

Triad

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



59.0885, 0.3416, 0.3500



59.0885, 0.2899, 0.3321



59.0885, 0.3069, 0.3050

Complementary

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



59.0885, 0.3416, 0.3500



56.1604, 0.2862, 0.3071

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.



59.0885, 0.2930, 0.3029



59.0885, 0.3416, 0.3500



59.0885, 0.2834, 0.3181

Square

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



59.0885, 0.3416, 0.3500



59.0885, 0.3024, 0.3457



59.0885, 0.2845, 0.3075



59.0885, 0.3227, 0.3132

Rectangle

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



59.0885, 0.3416, 0.3500



59.0885, 0.3231, 0.3559



59.0885, 0.2845, 0.3075



59.0885, 0.3019, 0.3036

Sweetspot

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



59.0911, 0.3416, 0.3500



95.1077, 0.3206, 0.3350



52.1129, 0.3290, 0.3069



20.2131, 0.3218, 0.3359



0.0000, 0.0000, 0.0000



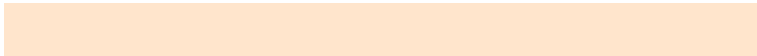
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0911, 0.3416, 0.3500



81.5835, 0.3478, 0.3542



68.0508, 0.3382, 0.3703



14.0943, 0.3279, 0.3404



15.3548, 0.5437, 0.4065



1.1669, 0.5181, 0.4268

Inverse Universe

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



56.1604, 0.2862, 0.3071



76.7262, 0.2810, 0.3025



48.1686, 0.2851, 0.2840



13.7151, 0.2982, 0.3173



10.1540, 0.1785, 0.1627



0.8302, 0.1866, 0.1917

Previews

White Background



This preview shows how the Yxy color 59.0885, 0.3416, 0.3500 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 59.0885, 0.3416, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

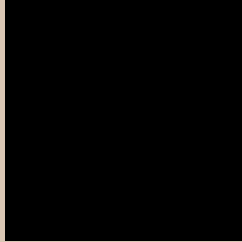
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

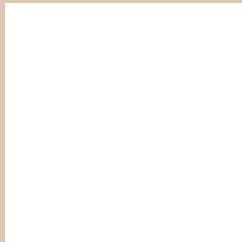
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0885, 0.3416, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 59.0885, 0.3416, 0.3500.



This preview shows how white text looks on a background with the Yxy color 59.0885, 0.3416, 0.3500.

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

59.0885, 0.3416, 0.3500

Protanopia

58.8523, 0.3339, 0.3515

Deuteranopia

59.0656, 0.3508, 0.3438



Tritanopia

59.2130, 0.3231, 0.3122

Trichromacy



Original Color

59.0885, 0.3416, 0.3500

Protanomaly

58.8321, 0.3365, 0.3502

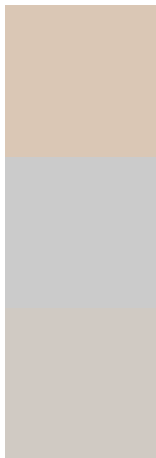
Deuteranomaly

58.8648, 0.3472, 0.3451

Tritanomaly

58.9755, 0.3306, 0.3256

Monochromacy



Original Color

59.0885, 0.3416, 0.3500

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5911, 0.3225, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0885, 0.3416, 0.3500 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(218, 199, 181)` looks like.

```
.text, #text, p{  
    color:rgb(218, 199, 181)  
}
```

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(218, 199, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 199, 181) }
```

Border

The CSS property to change the border of an element to Yxy 59.0885, 0.3416, 0.3500 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(218, 199, 181) }
```

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

```
.border{ border-color:rgb(218, 199, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 199, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 199, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 199, 181);  
box-shadow:4px 4px 4px 4px rgb(218, 199,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0885, 0.3416, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 199, 181) }
```

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

```
.background{ background-color: rgb(218,  
199, 181) }
```

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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