

Converting Colors

$Yxy(58.1062, 0.3506, 0.3569)$

Have a look what the booklet for
Yxy(58.1062, 0.3506, 0.3569)
contains.

Yxy(58.1653, 0.3500, 0.3570)	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(58.1653, 0.3500, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	DCC5AD
RGB	220, 197, 173
RGB Percent	86%, 77%, 68%
CMY	0.1372, 0.2274, 0.3217
CMYK	0.00, 0.10, 0.21, 0.14
HSL	31°, 40%, 77%
HSV	31°, 21%, 86%
XYZ	57.0248, 58.1653, 47.7379
YIQ	201.1410, 21.4120, -2.5880

Conversions

Conversions Part 2

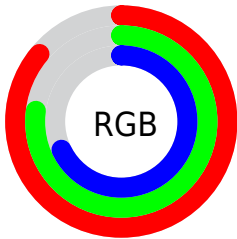
Format	Color
R _Y B	218, 220, 173
Decimal	14468525
CIE Lab	80.83, 4.33, 15.01
CIE LCh	81, 15.625, 73.894
Yxy	58.1653, 0.3500, 0.3570
Android (android.graphics.Color)	4292658605 (0xFFDCC5AD)
YUV	201.1410, -13.8735, 16.5393
Hunter-Lab	76.2662, 0.0000, 16.2745

Details

The Yxy color **58.1653, 0.3500, 0.3570** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5177, 0.2789, 0.2993**, and the grayscale version is **58.5793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7451, 0.3287, 0.3543**, and **29.0247, 0.3599, 0.3629** is the 20% darker color. If you saturate the color by 10%, you get **52.6714, 0.3711, 0.3708**, and if you desaturate by 10%, it is **64.1535, 0.3313, 0.3435**.

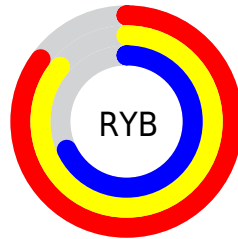
Distribution



Red (86%)

Green (77%)

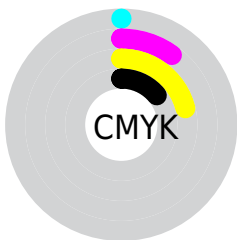
Blue (68%)



Red (85%)

Yellow (86%)

Blue (68%)

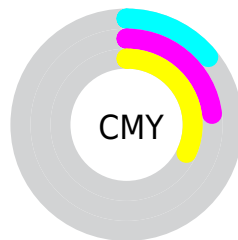


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (14%)



Cyan (14%)


Magenta (23%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1653, 0.3500, 0.3570 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 58.1653, 0.3500, 0.3570 by changing the saturation by 10% instead.


 58.1653, 0.3500,
0.3570

 58.1653, 0.3500,
0.3570

417.8016, 0.3320,
0.3437

 41.9416, 0.3543,
0.3601


 102.1635, 0.3436,
0.3523

 29.0555, 0.3597,
0.3640


130.7068, 0.3411,
0.3505

 19.1228, 0.3668,
0.3690

164.1254, 0.3391,
0.3490

 11.7591, 0.3762,
0.3755

202.8037, 0.3373,
0.3476

 6.5798, 0.3896,
0.3845

247.1260, 0.3357,
0.3465

 3.2008, 0.4097,
0.3976

297.4769, 0.3343,

 1.2374, 0.4679,

0.3454

0.4409

354.2406, 0.3331,
0.3445

0.0920, 0.6775,
0.3225

0.0000, 0.0000,
0.0000

58.1653, 0.3500,
0.3570

58.1653, 0.3500,
0.3570

52.6714, 0.3711,
0.3708

64.1535, 0.3313,
0.3435

47.6500, 0.3946,
0.3845

70.6416, 0.3148,
0.3307

43.0886, 0.4201,
0.3972

77.6450, 0.3005,
0.3187

38.9715, 0.4470,
0.4079

84.7855, 0.2913,
0.3136

■ 35.2815, 0.4741,
0.4154

■ 91.3119, 0.2916,
0.3247

■ 31.9998, 0.4998,
0.4184

■ 93.9581, 0.2917,
0.3289

■ 29.1052, 0.5225,
0.4160

■ 26.8968, 0.5391,
0.4101

Harmonies

Analogous

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



58.1653, 0.3526, 0.3425



58.1653, 0.3500, 0.3570



58.1653, 0.3372, 0.3645

Triad

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



58.1653, 0.3500, 0.3570



58.1653, 0.2822, 0.3317



58.1653, 0.3063, 0.2984

Complementary

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



58.1653, 0.3500, 0.3570



53.5177, 0.2789, 0.2993

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.



58.1653, 0.2880, 0.2950



58.1653, 0.3500, 0.3570



58.1653, 0.2744, 0.3134

Square

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



58.1653, 0.3500, 0.3570



58.1653, 0.2980, 0.3499



58.1653, 0.2765, 0.3002



58.1653, 0.3269, 0.3093

Rectangle

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



58.1653, 0.3500, 0.3570



58.1653, 0.3248, 0.3641



58.1653, 0.2765, 0.3002



58.1653, 0.2997, 0.2964

Sweetspot

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



58.1679, 0.3500, 0.3570



94.3716, 0.3222, 0.3366



49.0995, 0.3348, 0.3018



20.0716, 0.3233, 0.3374



0.0000, 0.0000, 0.0000



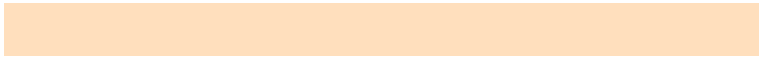
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1679, 0.3500, 0.3570



77.4688, 0.3599, 0.3637



69.4284, 0.3448, 0.3821



14.1460, 0.3279, 0.3410



16.0070, 0.5368, 0.4119



1.2094, 0.5126, 0.4312

Inverse Universe

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



53.5177, 0.2789, 0.2993



69.7802, 0.2710, 0.2916



43.9219, 0.2769, 0.2697



13.6634, 0.2982, 0.3167



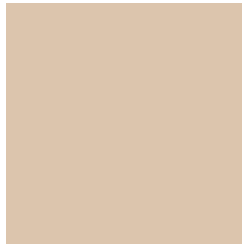
9.4994, 0.1764, 0.1549



0.7876, 0.1847, 0.1849

Previews

White Background



This preview shows how the Yxy color 58.1653, 0.3500, 0.3570 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 58.1653, 0.3500, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

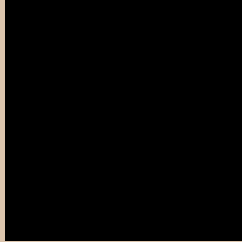
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1653, 0.3500, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 58.1653, 0.3500, 0.3570.



This preview shows how white text looks on a background with the Yxy color 58.1653, 0.3500, 0.3570.

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

58.1653, 0.3500, 0.3570

Protanopia

58.1053, 0.3394, 0.3588

Deuteranopia

58.0189, 0.3586, 0.3506



Tritanopia

58.0516, 0.3273, 0.3122

Trichromacy



Original Color

58.1653, 0.3500, 0.3570

Protanomaly

58.1990, 0.3437, 0.3585

Deuteranomaly

57.8083, 0.3550, 0.3520

Tritanomaly

58.2117, 0.3356, 0.3279

Monochromacy



Original Color

58.1653, 0.3500, 0.3570

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4800, 0.3257, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1653, 0.3500, 0.3570 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(220, 197, 173)` looks like.

```
.text, #text, p{  
    color:rgb(220, 197, 173)  
}
```

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(220, 197, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 197, 173) }
```

Border

The CSS property to change the border of an element to Yxy 58.1653, 0.3500, 0.3570 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(220, 197, 173) }
```

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

```
.border{ border-color:rgb(220, 197, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 197, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 197, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 197, 173);  
box-shadow:4px 4px 4px 4px rgb(220, 197,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1653, 0.3500, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 197, 173) }
```

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

```
.background{ background-color: rgb(220,  
197, 173) }
```

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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