

Converting Colors

Yxy(58.0815, 0.3646, 0.3931)

Have a look what the booklet for
Yxy(58.0815, 0.3646, 0.3931)
contains.

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Color

Yxy(58.1760, 0.3640, 0.3929)

Conversions

Conversions Part 1

Format	Color
Hex	D6C993
RGB	214, 201, 147
RGB Percent	84%, 79%, 58%
CMY	0.1606, 0.2118, 0.4235
CMYK	0.00, 0.06, 0.31, 0.16
HSL	48°, 45%, 71%
HSV	48°, 31%, 84%
XYZ	53.8968, 58.1760, 35.9954
YIQ	198.7310, 25.0820, -14.0380

Conversions

Conversions Part 2

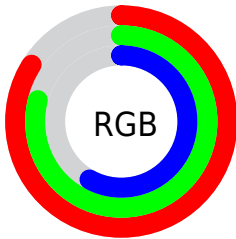
Format	Color
R _Y B	163, 214, 147
Decimal	14076307
CIE Lab	80.84, -3.55, 28.67
CIE LCh	81, 28.888, 97.053
Yxy	58.1760, 0.3640, 0.3929
Android (android.graphics.Color)	4292266387 (0xFFD6C993)
YUV	198.7310, -25.5034, 13.3909
Hunter-Lab	76.2732, -7.3449, 25.4107

Details

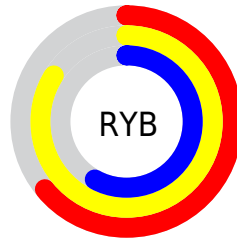
The Yxy color **58.1760, 0.3640, 0.3929** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.2298, 0.2594, 0.2557**, and the grayscale version is **57.0931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **28.9811, 0.3759, 0.4089** is the 20% darker color. If you saturate the color by 10%, you get **55.6493, 0.3817, 0.4131**, and if you desaturate by 10%, it is **60.8858, 0.3467, 0.3721**.

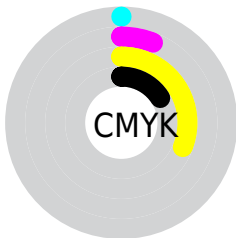
Distribution



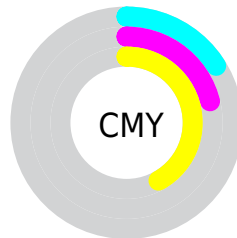
- Red (84%)
- Green (79%)
- Blue (58%)



- Red (64%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (6%)
- Yellow (31%)
- Black (16%)





- Cyan (16%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1760, 0.3640, 0.3929 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 58.1760, 0.3640, 0.3929 by changing the saturation by 10% instead.


 58.1760, 0.3640,
0.3929


 58.1760, 0.3640,
0.3929


417.8414, 0.3397,
0.3622

 41.9502, 0.3696,
0.4001


 102.1791, 0.3555,
0.3820

 29.0623, 0.3765,
0.4091


 130.7252, 0.3522,
0.3779

 19.1279, 0.3852,
0.4206


164.1468, 0.3494,
0.3743

 11.7628, 0.3964,
0.4357

202.8283, 0.3469,
0.3712

 6.5823, 0.4109,
0.4559

247.1541, 0.3448,
0.3685

 3.2023, 0.4340,
0.4886

297.5086, 0.3429,

 1.2382, 0.4640,

0.3662

0.5360

354.2763, 0.3412,
0.3640

0.0926, 0.0153,
0.9847

0.0000, 0.0000,
0.0000

58.1760, 0.3640,
0.3929

58.1760, 0.3640,
0.3929

55.6493, 0.3817,
0.4131

60.8858, 0.3467,
0.3721

53.2905, 0.3992,
0.4319

63.7777, 0.3301,
0.3515

51.0941, 0.4157,
0.4483

66.8607, 0.3147,
0.3316

49.0513, 0.4306,
0.4611

70.1407, 0.3004,
0.3127

47.1518, 0.4430,
0.4697

73.6234, 0.2874,
0.2950

45.3836, 0.4526,
0.4736

75.9269, 0.2870,
0.2985

43.9375, 0.4590,
0.4738

78.2238, 0.2872,
0.3030

80.5762, 0.2874,
0.3074

82.9846, 0.2876,
0.3119

Harmonies

Analogous

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



58.1760, 0.3847, 0.3736



58.1760, 0.3640, 0.3929



58.1760, 0.3301, 0.3947

Triad

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



58.1760, 0.3640, 0.3929



58.1760, 0.2453, 0.3060



58.1760, 0.3298, 0.2883

Complementary

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



58.1760, 0.3640, 0.3929



36.2298, 0.2594, 0.2557

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.



58.1760, 0.2920, 0.2718



58.1760, 0.3640, 0.3929



58.1760, 0.2451, 0.2799

Square

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



58.1760, 0.3640, 0.3929



58.1760, 0.2623, 0.3416



58.1760, 0.2616, 0.2684



58.1760, 0.3647, 0.3144

Rectangle

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



58.1760, 0.3640, 0.3929



58.1760, 0.3051, 0.3841



58.1760, 0.2616, 0.2684



58.1760, 0.3170, 0.2815

Sweetspot

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



58.1786, 0.3640, 0.3929



95.7883, 0.3266, 0.3470



37.7275, 0.3693, 0.3126



20.3617, 0.3289, 0.3499



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.



58.1786, 0.3640, 0.3929



83.7891, 0.3765, 0.4073



61.6889, 0.3436, 0.4111



14.0895, 0.3271, 0.3476



26.6898, 0.4583, 0.4743



1.7175, 0.4503, 0.4806

Inverse Universe

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



36.2298, 0.2594, 0.2557



45.9377, 0.2459, 0.2358



33.9571, 0.2740, 0.2414



12.3966, 0.2982, 0.3096



4.0389, 0.1555, 0.0796



0.3604, 0.1641, 0.1107

Previews

White Background



This preview shows how the Yxy color 58.1760, 0.3640, 0.3929 looks on a white background.

Color Contrast Check

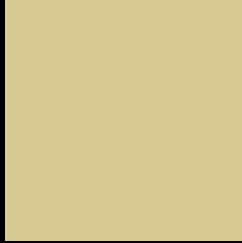
Large Text (above 18pt) WCAG AA × Fail

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 58.1760, 0.3640, 0.3929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

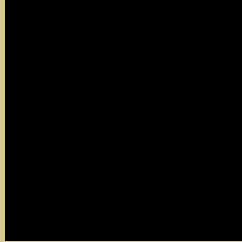
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1760, 0.3640, 0.3929

Background



This preview shows how black text looks on a background with the Yxy color 58.1760, 0.3640, 0.3929.



This preview shows how white text looks on a background with the Yxy color 58.1760, 0.3640, 0.3929.

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

58.1760, 0.3640, 0.3929

Protanopia

58.0141, 0.3660, 0.3915

Deuteranopia

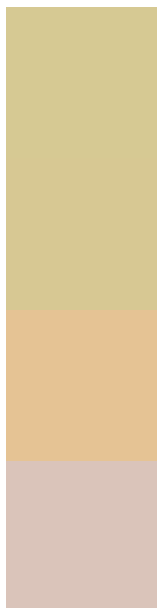
57.8737, 0.3855, 0.3769



Tritanopia

58.0661, 0.3240, 0.3121

Trichromacy



Original Color

58.1760, 0.3640, 0.3929

Protanomaly

57.8622, 0.3651, 0.3917

Deuteranomaly

57.8263, 0.3782, 0.3825

Tritanomaly

57.9305, 0.3382, 0.3407

Monochromacy



Original Color

58.1760, 0.3640, 0.3929

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.4412, 0.3307, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1760, 0.3640, 0.3929 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(214, 201, 147)` looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 147)  
}
```

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(214, 201, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 147) }
```

Border

The CSS property to change the border of an element to Yxy 58.1760, 0.3640, 0.3929 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(214, 201, 147) }
```

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

```
.border{ border-color:rgb(214, 201, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 201, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 147);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1760, 0.3640, 0.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 147) }
```

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

```
.background{ background-color: rgb(214,  
201, 147) }
```

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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