

Converting Colors

$Yxy(58.6340, 0.3533, 0.3763)$

Have a look what the booklet for
Yxy(58.6340, 0.3533, 0.3763)
contains.

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Color

Yxy(58.6426, 0.3533, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	D6C9A1
RGB	214, 201, 161
RGB Percent	84%, 79%, 63%
CMY	0.1607, 0.2118, 0.3686
CMYK	0.00, 0.06, 0.25, 0.16
HSL	45°, 39%, 74%
HSV	45°, 25%, 84%
XYZ	55.0583, 58.6426, 42.1391
YIQ	200.3270, 20.5880, -9.6840

Conversions

Conversions Part 2

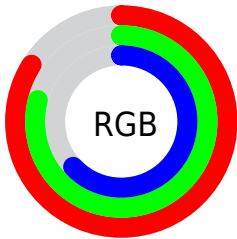
Format	Color
RYB	178, 214, 161
Decimal	14076321
CIELab	81.09, -1.71, 21.66
CIELCh	81, 21.723, 94.510
Yxy	58.6426, 0.3533, 0.3763
Android (android.graphics.Color)	4292266401 (0xFFD6C9A1)
YUV	200.3270, -19.3882, 11.9912
Hunter-Lab	76.5785, -5.6746, 20.9792

Details

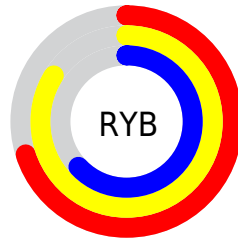
The Yxy color **58.6426, 0.3533, 0.3763** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.7242, 0.2720, 0.2767**, and the grayscale version is **58.0871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **29.3425, 0.3641, 0.3886** is the 20% darker color. If you saturate the color by 10%, you get **55.5421, 0.3715, 0.3959**, and if you desaturate by 10%, it is **61.9617, 0.3360, 0.3567**.

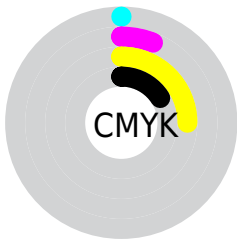
Distribution



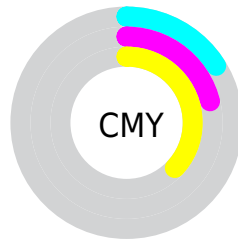
- Red (84%)
- Green (79%)
- Blue (63%)



- Red (70%)
- Yellow (84%)
- Blue (63%)



- Cyan (0%)
- Magenta (6%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6426, 0.3533, 0.3763 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 58.6426, 0.3533, 0.3763 by changing the saturation by 10% instead.

 58.6426, 0.3533,
0.3763

 58.6426, 0.3533,
0.3763


419.5762, 0.3339,
0.3536

 42.3255, 0.3578,
0.3817

 102.8580, 0.3465,
0.3683

 29.3562, 0.3635,
0.3884


 131.5252, 0.3438,
0.3652

 19.3505, 0.3708,
0.3971


165.0777, 0.3416,
0.3625

 11.9238, 0.3803,
0.4086

203.9001, 0.3396,
0.3602

 6.6918, 0.3933,
0.4244

248.3768, 0.3379,
0.3583

 3.2701, 0.4117,
0.4474

298.8921, 0.3364,

 1.2743, 0.4763,

0.3565

0.5237

355.8304, 0.3351,
0.3549

0.1212, 0.3775,
0.6225

0.0000, 0.0000,
0.0000

58.6426, 0.3533,
0.3763

58.6426, 0.3533,
0.3763

55.5421, 0.3715,
0.3959

61.9617, 0.3360,
0.3567

52.6448, 0.3903,
0.4147

65.4984, 0.3199,
0.3378

49.9455, 0.4089,
0.4319

69.2619, 0.3052,
0.3197

47.4352, 0.4266,
0.4464

73.2583, 0.2918,
0.3028

45.1044, 0.4426,
0.4571

76.6260, 0.2871,
0.2999

42.9417, 0.4561,
0.4633

79.5539, 0.2873,
0.3055

40.9338, 0.4666,
0.4646

82.5705, 0.2875,
0.3111

39.9340, 0.4713,
0.4640

85.6766, 0.2878,
0.3166

88.8731, 0.2880,
0.3221

Harmonies

Analogous

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



58.6426, 0.3673, 0.3617



58.6426, 0.3533, 0.3763



58.6426, 0.3286, 0.3781

Triad

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



58.6426, 0.3533, 0.3763



58.6426, 0.2621, 0.3144



58.6426, 0.3234, 0.2966

Complementary

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



58.6426, 0.3533, 0.3763



42.7242, 0.2720, 0.2767

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.



58.6426, 0.2951, 0.2846



58.6426, 0.3533, 0.3763



58.6426, 0.2608, 0.2936

Square

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



58.6426, 0.3533, 0.3763



58.6426, 0.2763, 0.3410



58.6426, 0.2725, 0.2832



58.6426, 0.3498, 0.3163

Rectangle

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



58.6426, 0.3533, 0.3763



58.6426, 0.3097, 0.3709



58.6426, 0.2725, 0.2832



58.6426, 0.3137, 0.2915

Sweetspot

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



58.6452, 0.3533, 0.3763



96.1351, 0.3235, 0.3420



42.8602, 0.3517, 0.3130



20.5072, 0.3245, 0.3432



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.



58.6452, 0.3533, 0.3763



84.5961, 0.3633, 0.3872



63.0685, 0.3394, 0.3927



13.9786, 0.3272, 0.3465



24.3010, 0.4703, 0.4648



1.5919, 0.4597, 0.4732

Inverse Universe

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



42.7242, 0.2720, 0.2767



56.8167, 0.2619, 0.2631



39.3788, 0.2812, 0.2612



12.4997, 0.2982, 0.3109



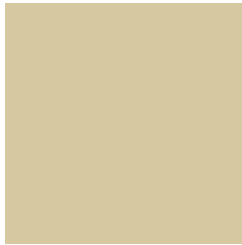
4.5908, 0.1580, 0.0889



0.4086, 0.1674, 0.1225

Previews

White Background



This preview shows how the Yxy color 58.6426, 0.3533, 0.3763 looks on a white background.

Color Contrast Check

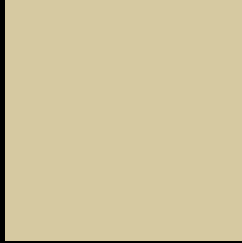
Large Text (above 18pt) WCAG AA × Fail

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 58.6426, 0.3533, 0.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

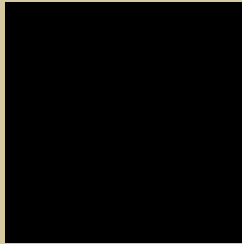
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

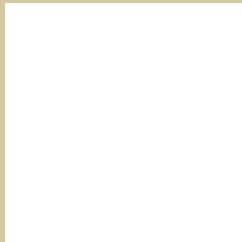
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.6426, 0.3533, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 58.6426, 0.3533, 0.3763.



This preview shows how white text looks on a background with the Yxy color 58.6426, 0.3533, 0.3763.

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

58.6426, 0.3533, 0.3763

Protanopia

58.6426, 0.3533, 0.3763

Deuteranopia

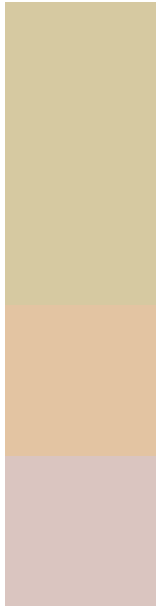
58.2767, 0.3711, 0.3628



Tritanopia

58.4524, 0.3216, 0.3110

Trichromacy



Original Color

58.6426, 0.3533, 0.3763

Protanomaly

58.6426, 0.3533, 0.3763

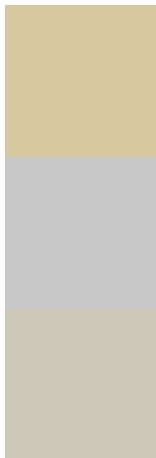
Deuteranomaly

58.4194, 0.3649, 0.3680

Tritanomaly

58.6437, 0.3334, 0.3348

Monochromacy



Original Color

58.6426, 0.3533, 0.3763

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.8329, 0.3270, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6426, 0.3533, 0.3763 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 161) }
```

Border

The CSS property to change the border of an element to Yxy 58.6426, 0.3533, 0.3763 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, 161) }
```

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

```
.border{ border-color:rgb(214, 201, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 161);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6426, 0.3533, 0.3763 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, 161) }
```

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

```
.background{ background-color: rgb(214,  
201, 161) }
```

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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