

Converting Colors

$Yxy(60.6541, 0.3584, 0.3939)$

Have a look what the booklet for
Yxy(60.6541, 0.3584, 0.3939)
contains.

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Color

Yxy(60.5231, 0.3585, 0.3938)

Conversions

Conversions Part 1

Format	Color
Hex	D5CE97
RGB	213, 206, 151
RGB Percent	84%, 81%, 59%
CMY	0.1647, 0.1921, 0.4077
CMYK	0.00, 0.03, 0.29, 0.16
HSL	53°, 42%, 71%
HSV	53°, 29%, 84%
XYZ	55.0978, 60.5231, 38.0690
YIQ	201.8230, 21.8270, -15.6210

Conversions

Conversions Part 2

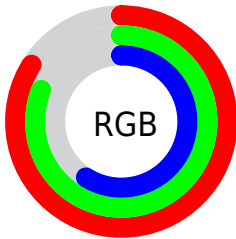
Format	Color
RYB	159, 213, 151
Decimal	14012055
CIELab	82.12, -6.03, 28.28
CIELCh	82, 28.916, 102.047
Yxy	60.5231, 0.3585, 0.3938
Android (android.graphics.Color)	4292202135 (0xFFD5CE97)
YUV	201.8230, -25.0557, 9.8022
Hunter-Lab	77.7966, -9.7251, 25.4446

Details

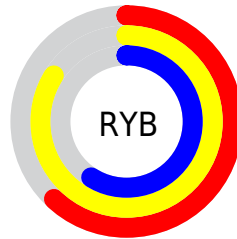
The Yxy color **60.5231, 0.3585, 0.3938** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.8456, 0.2629, 0.2546**, and the grayscale version is **59.0977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **30.6457, 0.3694, 0.4098** is the 20% darker color. If you saturate the color by 10%, you get **58.7475, 0.3748, 0.4159**, and if you desaturate by 10%, it is **62.4468, 0.3422, 0.3712**.

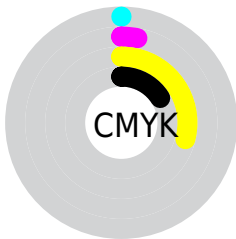
Distribution



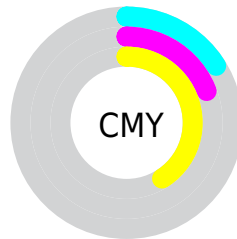
- Red (84%)
- Green (81%)
- Blue (59%)



- Red (62%)
- Yellow (84%)
- Blue (59%)



- Cyan (0%)
- Magenta (3%)
- Yellow (29%)
- Black (16%)





- Cyan (16%)
- Magenta (19%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5231, 0.3585, 0.3938 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 60.5231, 0.3585, 0.3938 by changing the saturation by 10% instead.


 60.5231, 0.3585,
0.3938


 60.5231, 0.3585,
0.3938


426.5232, 0.3370,
0.3626

 43.8404, 0.3634,
0.4011

 105.5881, 0.3510,
0.3828

 30.5451, 0.3694,
0.4103


 134.7392, 0.3481,
0.3786

 20.2527, 0.3769,
0.4220


168.8153, 0.3456,
0.3749

 12.5788, 0.3864,
0.4374


208.2006, 0.3435,
0.3718

 7.1392, 0.3987,
0.4583

253.2797, 0.3416,
0.3691

 3.5493, 0.4157,
0.4893

304.4369, 0.3399,

 1.4248, 0.4492,

0.3667

0.5508

362.0566, 0.3384,
0.3645

0.2349, 0.2443,
0.7557

0.0000, 0.0000,
0.0000

60.5231, 0.3585,
0.3938

60.5231, 0.3585,
0.3938

58.7475, 0.3748,
0.4159

62.4468, 0.3422,
0.3712

57.1051, 0.3906,
0.4364

64.5168, 0.3264,
0.3488

55.5911, 0.4051,
0.4546

66.7417, 0.3114,
0.3271

54.1973, 0.4178,
0.4693

69.1270, 0.2974,
0.3065

■ 52.9142, 0.4280,
0.4799

■ 71.5142, 0.2859,
0.2898

■ 51.7309, 0.4355,
0.4860

■ 72.7687, 0.2861,
0.2924

■ 50.6292, 0.4404,
0.4880

■ 74.0415, 0.2862,
0.2950

■ 50.5309, 0.4408,
0.4882

■ 75.3323, 0.2863,
0.2976

■ 76.6415, 0.2864,
0.3002

Harmonies

Analogous

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



60.5231, 0.3816, 0.3772



60.5231, 0.3585, 0.3938



60.5231, 0.3238, 0.3921

Triad

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



60.5231, 0.3585, 0.3938



60.5231, 0.2448, 0.3012



60.5231, 0.3359, 0.2925

Complementary

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



60.5231, 0.3585, 0.3938



35.8456, 0.2629, 0.2546

Split Complementary

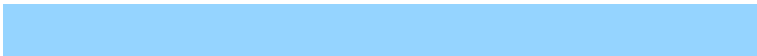
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.5231, 0.2982, 0.2743



60.5231, 0.3585, 0.3938



60.5231, 0.2475, 0.2776

Square

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



60.5231, 0.3585, 0.3938



60.5231, 0.2590, 0.3354



60.5231, 0.2664, 0.2686



60.5231, 0.3687, 0.3194

Rectangle

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



60.5231, 0.3585, 0.3938



60.5231, 0.2991, 0.3794



60.5231, 0.2664, 0.2686



60.5231, 0.3233, 0.2853

Sweetspot

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



60.5258, 0.3585, 0.3938



96.9693, 0.3264, 0.3488



38.7659, 0.3693, 0.3202



20.6545, 0.3287, 0.3520



0.0000, 0.0000, 0.0000



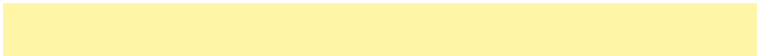
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5258, 0.3585, 0.3938



89.2713, 0.3688, 0.4077



60.6692, 0.3374, 0.4060



14.2697, 0.3269, 0.3495



30.9641, 0.4405, 0.4885



1.9372, 0.4363, 0.4917

Inverse Universe

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



35.8456, 0.2629, 0.2546



46.2770, 0.2505, 0.2356



36.0360, 0.2817, 0.2494



12.2319, 0.2981, 0.3076



3.4092, 0.1524, 0.0686



0.2831, 0.1585, 0.0905

Previews

White Background



This preview shows how the Yxy color 60.5231, 0.3585, 0.3938 looks on a white background.

Color Contrast Check

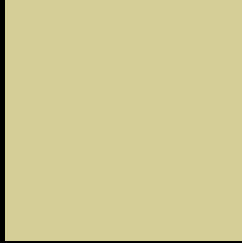
Large Text (above 18pt) WCAG AA × Fail

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 60.5231, 0.3585, 0.3938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

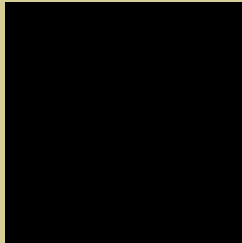
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

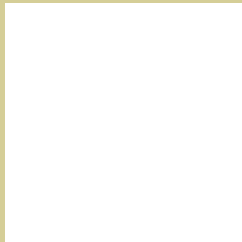
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5231, 0.3585, 0.3938

Background



This preview shows how black text looks on a background with the Yxy color 60.5231, 0.3585, 0.3938.



This preview shows how white text looks on a background with the Yxy color 60.5231, 0.3585, 0.3938.

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

60.5231, 0.3585, 0.3938

Protanopia

60.4478, 0.3649, 0.3917

Deuteranopia

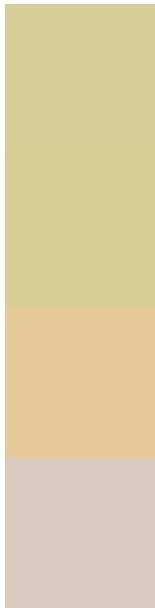
60.4805, 0.3841, 0.3761



Tritanopia

60.5644, 0.3198, 0.3123

Trichromacy



Original Color

60.5231, 0.3585, 0.3938

Protanomaly

60.6164, 0.3629, 0.3932

Deuteranomaly

60.5645, 0.3749, 0.3830

Tritanomaly

60.3964, 0.3343, 0.3417

Monochromacy



Original Color

60.5231, 0.3585, 0.3938

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.2526, 0.3296, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5231, 0.3585, 0.3938 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(213, 206, 151)` looks like.

```
.text, #text, p{  
    color:rgb(213, 206, 151)  
}
```

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(213, 206, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 206, 151) }
```

Border

The CSS property to change the border of an element to Yxy 60.5231, 0.3585, 0.3938 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(213, 206, 151) }
```

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

```
.border{ border-color:rgb(213, 206, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 206, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 206, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 206, 151); box-shadow:4px 4px 4px 4px rgb(213, 206, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5231, 0.3585, 0.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 206, 151) }
```

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

```
.background{ background-color: rgb(213,  
206, 151) }
```

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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