

Converting Colors

$Yxy(65.2314, 0.3580, 0.4123)$

Have a look what the booklet for
Yxy(65.2314, 0.3580, 0.4123)
contains.

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Color

Yxy(65.0050, 0.3580, 0.4117)

Conversions

Conversions Part 1

Format	Color
Hex	D3D891
RGB	211, 216, 145
RGB Percent	83%, 85%, 57%
CMY	0.1727, 0.1529, 0.4313
CMYK	0.02, 0.00, 0.33, 0.15
HSL	64°, 48%, 71%
HSV	64°, 33%, 85%
XYZ	56.5261, 65.0050, 36.3630
YIQ	206.4110, 19.8110, -23.1410

Conversions

Conversions Part 2

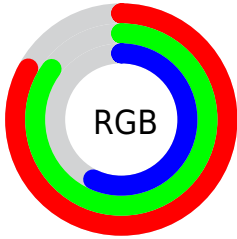
Format	Color
RYB	145, 216, 150
Decimal	13883537
CIELab	84.49, -12.66, 34.49
CIELCh	84, 36.741, 110.149
Yxy	65.0050, 0.3580, 0.4117
Android (android.graphics.Color)	4292073617 (0xFFD3D891)
YUV	206.4110, -30.2756, 4.0246
Hunter-Lab	80.6257, -15.9499, 29.6976

Details

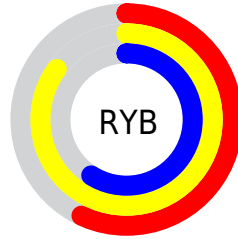
The Yxy color **65.0050, 0.3580, 0.4117** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.7048, 0.2581, 0.2330**, and the grayscale version is **62.1872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9501, 0.3454, 0.3830**, and **33.2665, 0.3670, 0.4316** is the 20% darker color. If you saturate the color by 10%, you get **64.1782, 0.3709, 0.4362**, and if you desaturate by 10%, it is **65.9665, 0.3443, 0.3863**.

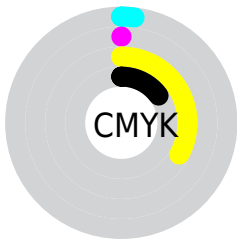
Distribution



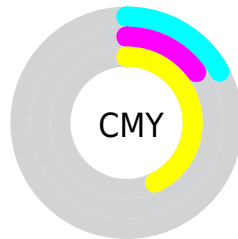
- Red (83%)
- Green (85%)
- Blue (57%)



- Red (57%)
- Yellow (85%)
- Blue (59%)



- Cyan (2%)
- Magenta (0%)
- Yellow (33%)
- Black (15%)




- Cyan (17%)
- Magenta (15%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0050, 0.3580, 0.4117 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 65.0050, 0.3580, 0.4117 by changing the saturation by 10% instead.


 65.0050, 0.3580,
0.4117


 65.0050, 0.3580,
0.4117

442.8099, 0.3375,
0.3721

 47.4651, 0.3624,
0.4210


 112.0570, 0.3511,
0.3977

 33.4035, 0.3677,
0.4325


 142.3380, 0.3483,
0.3924

 22.4357, 0.3740,
0.4471


177.6348, 0.3459,
0.3878

 14.1774, 0.3817,
0.4662

218.3318, 0.3438,
0.3838

 8.2442, 0.3905,
0.4917

264.8134, 0.3420,
0.3803

 4.2516, 0.4022,
0.5304

317.4641, 0.3403,

 1.8153, 0.4123,

0.3772

0.5877

376.6681, 0.3389,
0.3745

0.4967, 0.2472,
0.7528

0.0000, 0.0000,
0.0000

65.0050, 0.3580,
0.4117

65.0050, 0.3580,
0.4117

64.1782, 0.3709,
0.4362

65.9665, 0.3443,
0.3863

63.4701, 0.3825,
0.4586

67.0606, 0.3303,
0.3608

62.8758, 0.3922,
0.4782

68.2963, 0.3166,
0.3359

62.3863, 0.3995,
0.4939

69.6795, 0.3033,
0.3122

61.9914, 0.4043,
0.5052

71.2157, 0.2908,
0.2900

61.6788, 0.4065,
0.5122

71.5806, 0.2906,
0.2882

61.4913, 0.4068,
0.5152

71.8212, 0.2916,
0.2883

72.0640, 0.2926,
0.2884

72.3089, 0.2937,
0.2886

Harmonies

Analogous

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



65.0050, 0.3920, 0.3950



65.0050, 0.3580, 0.4117



65.0050, 0.3133, 0.4034

Triad

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



65.0050, 0.3580, 0.4117



65.0050, 0.2286, 0.2844



65.0050, 0.3535, 0.2923

Complementary

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



65.0050, 0.3580, 0.4117



31.7048, 0.2581, 0.2330

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.



65.0050, 0.3067, 0.2671



65.0050, 0.3580, 0.4117



65.0050, 0.2373, 0.2609

Square

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



65.0050, 0.3580, 0.4117



65.0050, 0.2401, 0.3240



65.0050, 0.2648, 0.2555



65.0050, 0.3905, 0.3264

Rectangle

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



65.0050, 0.3580, 0.4117



65.0050, 0.2837, 0.3830



65.0050, 0.2648, 0.2555



65.0050, 0.3382, 0.2826

Sweetspot

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



65.0079, 0.3580, 0.4117



98.1235, 0.3265, 0.3538



38.3795, 0.3867, 0.3350



20.9497, 0.3285, 0.3574



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.



65.0079, 0.3580, 0.4117



93.8508, 0.3665, 0.4278



60.3678, 0.3304, 0.4197



14.4730, 0.3256, 0.3521



36.4119, 0.4070, 0.5150



2.2099, 0.4093, 0.5132

Inverse Universe

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



31.7048, 0.2581, 0.2330



38.5915, 0.2451, 0.2107



35.5605, 0.2883, 0.2407



12.0504, 0.2992, 0.3050



3.0136, 0.1524, 0.0613



0.1969, 0.1598, 0.0654

Previews

White Background



This preview shows how the Yxy color 65.0050, 0.3580, 0.4117 looks on a white background.

Color Contrast Check

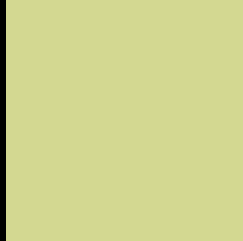
Large Text (above 18pt) WCAG AA × Fail

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 65.0050, 0.3580, 0.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

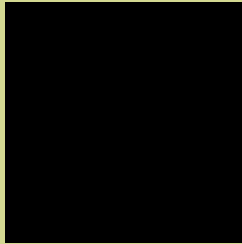
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

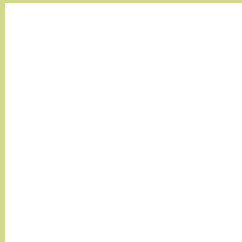
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0050, 0.3580, 0.4117

Background



This preview shows how black text looks on a background with the Yxy color 65.0050, 0.3580, 0.4117.



This preview shows how white text looks on a background with the Yxy color 65.0050, 0.3580, 0.4117.

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

65.0050, 0.3580, 0.4117

Protanopia

65.0657, 0.3749, 0.4049

Deuteranopia

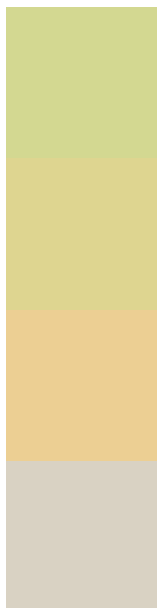
64.8884, 0.3939, 0.3858



Tritanopia

64.8425, 0.3121, 0.3103

Trichromacy



Original Color

65.0050, 0.3580, 0.4117

Protanomaly

65.1317, 0.3686, 0.4072

Deuteranomaly

64.5651, 0.3802, 0.3948

Tritanomaly

64.7850, 0.3286, 0.3461

Monochromacy



Original Color

65.0050, 0.3580, 0.4117

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.9638, 0.3295, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0050, 0.3580, 0.4117 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(211, 216, 145)` looks like.

```
.text, #text, p{  
    color:rgb(211, 216, 145)  
}
```

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(211, 216, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 216, 145) }
```

Border

The CSS property to change the border of an element to Yxy 65.0050, 0.3580, 0.4117 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(211, 216, 145) }
```

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

```
.border{ border-color:rgb(211, 216, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 216, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 216, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 216, 145);  
box-shadow:4px 4px 4px 4px rgb(211, 216,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0050, 0.3580, 0.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 216, 145) }
```

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

```
.background{ background-color: rgb(211,  
216, 145) }
```

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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