

Converting Colors

$Yxy(65.4202, 0.3602, 0.3999)$

Have a look what the booklet for
Yxy(65.4202, 0.3602, 0.3999)
contains.

Yxy(65.4202, 0.3602, 0.3999)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.4202, 0.3602, 0.3999)

Conversions

Conversions Part 1

Format	Color
Hex	DBD698
RGB	219, 214, 152
RGB Percent	86%, 84%, 60%
CMY	0.1413, 0.1607, 0.4037
CMYK	0.00, 0.02, 0.31, 0.14
HSL	56°, 48%, 73%
HSV	56°, 31%, 86%
XYZ	58.9256, 65.4202, 39.2456
YIQ	208.4270, 22.8820, -18.2220

Conversions

Conversions Part 2

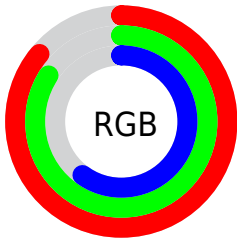
Format	Color
RYB	157, 219, 152
Decimal	14407320
CIELab	84.70, -7.71, 31.29
CIELCh	85, 32.223, 103.841
Yxy	65.4202, 0.3602, 0.3999
Android (android.graphics.Color)	4292597400 (0xFFD6D698)
YUV	208.4270, -27.8185, 9.2725
Hunter-Lab	80.8828, -11.5020, 27.8495

Details

The Yxy color **65.4202, 0.3602, 0.3999** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.9119, 0.2595, 0.2466**, and the grayscale version is **63.5432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **33.5029, 0.3713, 0.4174** is the 20% darker color. If you saturate the color by 10%, you get **63.9513, 0.3758, 0.4225**, and if you desaturate by 10%, it is **67.0357, 0.3443, 0.3765**.

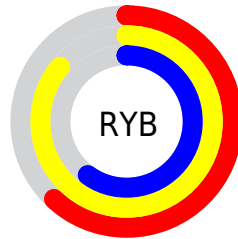
Distribution



Red (86%)

Green (84%)

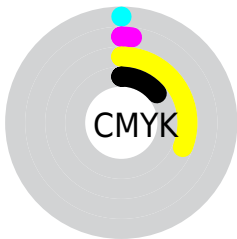
Blue (60%)



Red (62%)

Yellow (86%)

Blue (60%)

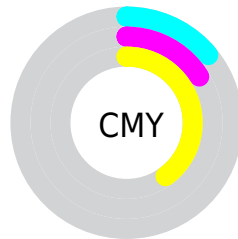


Cyan (0%)

Magenta (2%)

Yellow (31%)

Black (14%)



Cyan (14%)


Magenta (16%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4202, 0.3602, 0.3999 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 65.4202, 0.3602, 0.3999 by changing the saturation by 10% instead.


 65.4202, 0.3602,
0.3999

 65.4202, 0.3602,
0.3999


444.3004, 0.3384,
0.3662

 47.8019, 0.3650,
0.4077


 112.6538, 0.3527,
0.3881

 33.6700, 0.3709,
0.4174


 143.0378, 0.3498,
0.3835

 22.6402, 0.3782,
0.4297


178.4459, 0.3472,
0.3796

 14.3281, 0.3872,
0.4456

219.2624, 0.3450,
0.3762

 8.3492, 0.3985,
0.4669

265.8717, 0.3431,
0.3733

 4.3192, 0.4125,
0.4966

318.6582, 0.3413,

 1.8537, 0.4425,

0.3706

0.5575

378.0063, 0.3398,
0.3683

0.5203, 0.3706,
0.6294

0.0000, 0.0000,
0.0000

65.4202, 0.3602,
0.3999

65.4202, 0.3602,
0.3999

63.9513, 0.3758,
0.4225

67.0357, 0.3443,
0.3765

62.6129, 0.3906,
0.4434


68.7956, 0.3286,
0.3530


61.3998, 0.4039,
0.4615


70.7094, 0.3135,
0.3303

60.3031, 0.4151,
0.4761


72.7828, 0.2994,
0.3086


 59.3125, 0.4237,
0.4863

 74.5935, 0.2900,
0.2947


 58.4160, 0.4296,
0.4922

 75.4621, 0.2901,
0.2964

 57.6363, 0.4331,
0.4943

 76.3391, 0.2901,
0.2981

 77.2245, 0.2902,
0.2999

 78.1183, 0.2902,
0.3016

Harmonies

Analogous

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



65.4202, 0.3865, 0.3824



65.4202, 0.3602, 0.3999



65.4202, 0.3221, 0.3970

Triad

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



65.4202, 0.3602, 0.3999



65.4202, 0.2391, 0.2967



65.4202, 0.3402, 0.2911

Complementary

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



65.4202, 0.3602, 0.3999



35.9119, 0.2595, 0.2466

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.



65.4202, 0.2992, 0.2709



65.4202, 0.3602, 0.3999



65.4202, 0.2430, 0.2722

Square

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



65.4202, 0.3602, 0.3999



65.4202, 0.2532, 0.3334



65.4202, 0.2642, 0.2637



65.4202, 0.3752, 0.3204

Rectangle

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



65.4202, 0.3602, 0.3999



65.4202, 0.2955, 0.3823



65.4202, 0.2642, 0.2637



65.4202, 0.3266, 0.2831

Sweetspot

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



65.4232, 0.3602, 0.3999



97.5266, 0.3263, 0.3496



39.9834, 0.3756, 0.3224



20.7928, 0.3286, 0.3530



0.0000, 0.0000, 0.0000



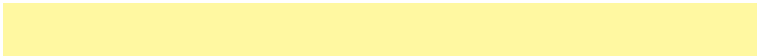
21.4041, 0.3127, 0.3290

Same Dimension

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



65.4232, 0.3602, 0.3999



90.9521, 0.3708, 0.4153



64.0088, 0.3369, 0.4108



15.0897, 0.3269, 0.3504



34.2537, 0.4329, 0.4945



2.2695, 0.4304, 0.4964

Inverse Universe

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



35.9119, 0.2595, 0.2466



42.6391, 0.2458, 0.2248



37.2796, 0.2817, 0.2452



12.7717, 0.2981, 0.3066



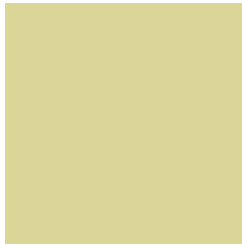
3.3173, 0.1514, 0.0650



0.2705, 0.1555, 0.0796

Previews

White Background



This preview shows how the Yxy color 65.4202, 0.3602, 0.3999 looks on a white background.

Color Contrast Check

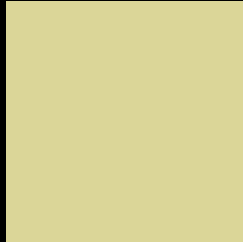
Large Text (above 18pt) WCAG AA × Fail

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 65.4202, 0.3602, 0.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

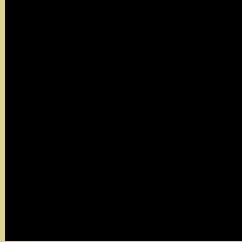
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.4202, 0.3602, 0.3999

Background



This preview shows how black text looks on a background with the Yxy color 65.4202, 0.3602, 0.3999.



This preview shows how white text looks on a background with the Yxy color 65.4202, 0.3602, 0.3999.

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

65.4202, 0.3602, 0.3999

Protanopia

65.3169, 0.3692, 0.3962

Deuteranopia

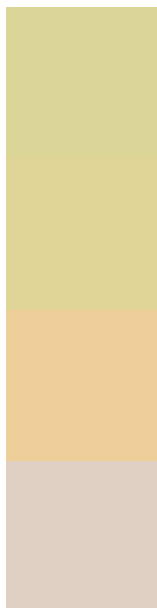
65.3690, 0.3881, 0.3808



Tritanopia

65.2140, 0.3181, 0.3116

Trichromacy



Original Color

65.4202, 0.3602, 0.3999

Protanomaly

65.3289, 0.3665, 0.3978

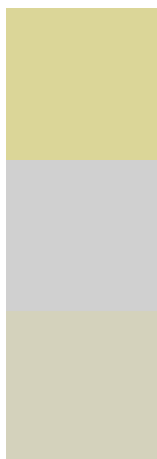
Deuteranomaly

65.2763, 0.3782, 0.3878

Tritanomaly

64.9446, 0.3336, 0.3425

Monochromacy



Original Color

65.4202, 0.3602, 0.3999

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.7211, 0.3298, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4202, 0.3602, 0.3999 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(219, 214, 152)` looks like.

```
.text, #text, p{  
    color:rgb(219, 214, 152)  
}
```

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(219, 214, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 214, 152) }
```

Border

The CSS property to change the border of an element to Yxy 65.4202, 0.3602, 0.3999 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(219, 214, 152) }
```

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

```
.border{ border-color:rgb(219, 214, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 214, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 214, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 214, 152);  
box-shadow:4px 4px 4px 4px rgb(219, 214,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4202, 0.3602, 0.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 214, 152) }
```

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

```
.background{ background-color: rgb(219,  
214, 152) }
```

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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