

Converting Colors

Yxy(67.6516, 0.3612, 0.4064)

Have a look what the booklet for
Yxy(67.6516, 0.3612, 0.4064)
contains.

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Color

Yxy(67.5605, 0.3612, 0.4061)

Conversions

Conversions Part 1

Format	Color
Hex	DCDA96
RGB	220, 218, 150
RGB Percent	86%, 85%, 59%
CMY	0.1372, 0.1451, 0.4119
CMYK	0.00, 0.01, 0.32, 0.14
HSL	58°, 50%, 73%
HSV	58°, 32%, 86%
XYZ	60.0907, 67.5605, 38.7129
YIQ	210.8460, 23.0200, -20.7240

Conversions

Conversions Part 2

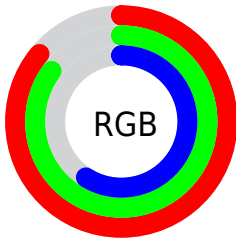
Format	Color
RYB	152, 220, 150
Decimal	14473878
CIELab	85.79, -9.60, 33.81
CIELCh	86, 35.143, 105.852
Yxy	67.5605, 0.3612, 0.4061
Android (android.graphics.Color)	4292663958 (0xFFDCDA96)
YUV	210.8460, -29.9971, 8.0281
Hunter-Lab	82.1952, -13.3449, 29.6118

Details

The Yxy color **67.5605, 0.3612, 0.4061** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.0945, 0.2564, 0.2381**, and the grayscale version is **65.2253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **34.9687, 0.3721, 0.4250** is the 20% darker color. If you saturate the color by 10%, you get **66.5950, 0.3760, 0.4293**, and if you desaturate by 10%, it is **68.6664, 0.3458, 0.3818**.

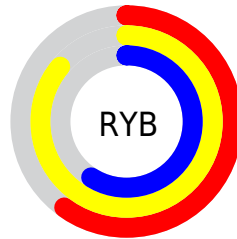
Distribution



Red (86%)

Green (85%)

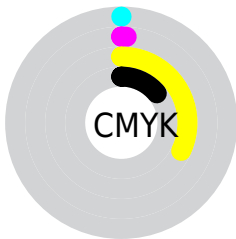
Blue (59%)



Red (60%)

Yellow (86%)

Blue (59%)

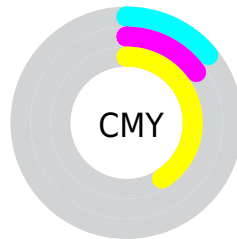


Cyan (0%)

Magenta (1%)

Yellow (32%)

Black (14%)



Cyan (14%)


Magenta (15%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5605, 0.3612, 0.4061 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 67.5605, 0.3612, 0.4061 by changing the saturation by 10% instead.


 67.5605, 0.3612,
0.4061

 67.5605, 0.3612,
0.4061

451.9373, 0.3392,
0.3696

 49.5403, 0.3660,
0.4145


 115.7232, 0.3537,
0.3933

 35.0482, 0.3718,
0.4249


 146.6344, 0.3508,
0.3884

 23.7000, 0.3788,
0.4380

182.6115, 0.3482,
0.3842

 15.1113, 0.3874,
0.4550

224.0387, 0.3459,
0.3805

 8.8975, 0.3978,
0.4775

271.3005, 0.3440,
0.3773

 4.6744, 0.4102,
0.5087

324.7812, 0.3422,

 2.0575, 0.4332,

0.3744

0.5668

384.8654, 0.3406,
0.3719

0.6406, 0.3689,
0.6311

0.0000, 0.0000,
0.0000

67.5605, 0.3612,
0.4061

67.5605, 0.3612,
0.4061

66.5950, 0.3760,
0.4293

68.6664, 0.3458,
0.3818

65.7533, 0.3896,
0.4506

69.9104, 0.3304,
0.3573

65.0302, 0.4015,
0.4688

71.3020, 0.3154,
0.3333

64.4165, 0.4111,
0.4832

72.8471, 0.3011,
0.3104

63.9017, 0.4181,
0.4933

74.2273, 0.2906,
0.2937

63.4733, 0.4224,
0.4990

74.5599, 0.2907,
0.2943

63.1701, 0.4244,
0.5012

74.8938, 0.2907,
0.2950

75.2290, 0.2907,
0.2957

75.5654, 0.2907,
0.2964

Harmonies

Analogous

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



67.5605, 0.3909, 0.3880



67.5605, 0.3612, 0.4061



67.5605, 0.3197, 0.4017

Triad

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



67.5605, 0.3612, 0.4061



67.5605, 0.2333, 0.2916



67.5605, 0.3452, 0.2902

Complementary

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



67.5605, 0.3612, 0.4061



34.0945, 0.2564, 0.2381

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.



67.5605, 0.3009, 0.2677



67.5605, 0.3612, 0.4061



67.5605, 0.2389, 0.2667

Square

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



67.5605, 0.3612, 0.4061



67.5605, 0.2470, 0.3306



67.5605, 0.2627, 0.2590



67.5605, 0.3822, 0.3218

Rectangle

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



67.5605, 0.3612, 0.4061



67.5605, 0.2912, 0.3847



67.5605, 0.2627, 0.2590



67.5605, 0.3305, 0.2814

Sweetspot

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



67.5636, 0.3612, 0.4061



98.0014, 0.3277, 0.3530



39.2959, 0.3830, 0.3264



20.9199, 0.3299, 0.3565



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.



67.5636, 0.3612, 0.4061



93.4994, 0.3709, 0.4213



63.9959, 0.3352, 0.4152



15.1967, 0.3268, 0.3515



37.1011, 0.4243, 0.5013



2.4241, 0.4235, 0.5020

Inverse Universe

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



34.0945, 0.2564, 0.2381



39.9425, 0.2429, 0.2162



36.9947, 0.2831, 0.2421



12.6764, 0.2981, 0.3055



3.1401, 0.1505, 0.0619



0.2249, 0.1522, 0.0677

Previews

White Background



This preview shows how the Yxy color 67.5605, 0.3612, 0.4061 looks on a white background.

Color Contrast Check

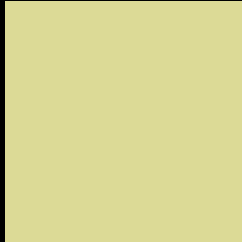
Large Text (above 18pt) WCAG AA × Fail

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 67.5605, 0.3612, 0.4061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

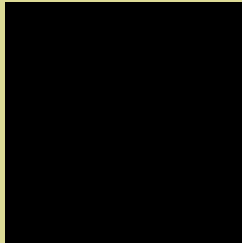
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

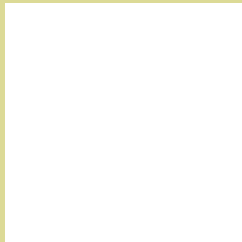
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5605, 0.3612, 0.4061

Background



This preview shows how black text looks on a background with the Yxy color 67.5605, 0.3612, 0.4061.



This preview shows how white text looks on a background with the Yxy color 67.5605, 0.3612, 0.4061.

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

67.5605, 0.3612, 0.4061

Protanopia

67.3871, 0.3735, 0.4016

Deuteranopia

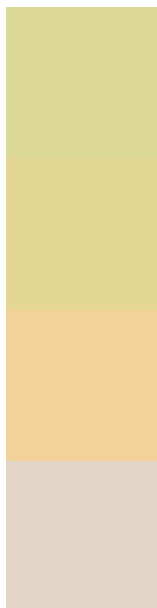
67.2226, 0.3921, 0.3830



Tritanopia

67.2060, 0.3166, 0.3108

Trichromacy



Original Color

67.5605, 0.3612, 0.4061

Protanomaly

67.2648, 0.3693, 0.4024

Deuteranomaly

67.2374, 0.3803, 0.3913

Tritanomaly

67.3329, 0.3331, 0.3445

Monochromacy



Original Color

67.5605, 0.3612, 0.4061

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.0634, 0.3301, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5605, 0.3612, 0.4061 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(220, 218, 150)` looks like.

```
.text, #text, p{  
    color:rgb(220, 218, 150)  
}
```

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(220, 218, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 218, 150) }
```

Border

The CSS property to change the border of an element to Yxy 67.5605, 0.3612, 0.4061 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(220, 218, 150) }
```

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

```
.border{ border-color:rgb(220, 218, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 218, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 218, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 218, 150);  
box-shadow:4px 4px 4px 4px rgb(220, 218,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5605, 0.3612, 0.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 218, 150) }
```

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

```
.background{ background-color: rgb(220,  
218, 150) }
```

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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