

Converting Colors

$Yxy(64.5274, 0.3590, 0.4055)$

Have a look what the booklet for
Yxy(64.5274, 0.3590, 0.4055)
contains.

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Color

Yxy(64.5274, 0.3590, 0.4055)

Conversions

Conversions Part 1

Format	Color
Hex	D6D694
RGB	214, 214, 148
RGB Percent	84%, 84%, 58%
CMY	0.1607, 0.1608, 0.4195
CMYK	0.00, 0.00, 0.31, 0.16
HSL	60°, 45%, 71%
HSV	60°, 31%, 84%
XYZ	57.1278, 64.5274, 37.4752
YIQ	206.4760, 21.1860, -20.5260

Conversions

Conversions Part 2

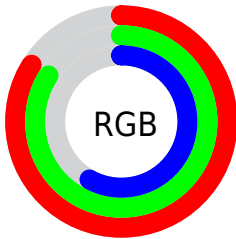
Format	Color
R _{YB}	148, 214, 148
Decimal	14079636
CIE Lab	84.24, -10.11, 32.67
CIE LCh	84, 34.194, 107.190
Yxy	64.5274, 0.3590, 0.4055
Android (android.graphics.Color)	4292269716 (0xFFD6D694)
YUV	206.4760, -28.8287, 6.5985
Hunter-Lab	80.3289, -13.6312, 28.5702

Details

The Yxy color **64.5274, 0.3590, 0.4055** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.3493, 0.2583, 0.2390**, and the grayscale version is **62.2250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **32.9099, 0.3695, 0.4250** is the 20% darker color. If you saturate the color by 10%, you get **63.9122, 0.3734, 0.4293**, and if you desaturate by 10%, it is **65.2737, 0.3439, 0.3806**.

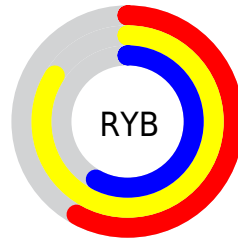
Distribution



Red (84%)

Green (84%)

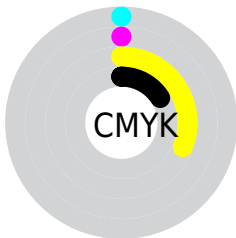
Blue (58%)



Red (58%)

Yellow (84%)

Blue (58%)

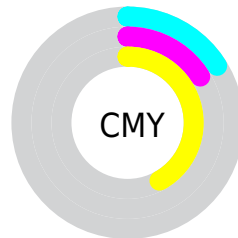


Cyan (0%)

Magenta (0%)

Yellow (31%)

Black (16%)



Cyan (16%)


Magenta (16%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5274, 0.3590, 0.4055 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 64.5274, 0.3590, 0.4055 by changing the saturation by 10% instead.


 64.5274, 0.3590,
0.4055

 64.5274, 0.3590,
0.4055


441.0917, 0.3378,
0.3689

 47.0780, 0.3637,
0.4140

 111.3701, 0.3518,
0.3926

 33.0973, 0.3693,
0.4246


 141.5322, 0.3489,
0.3877

 22.2010, 0.3761,
0.4381


176.7006, 0.3465,
0.3834

 14.0047, 0.3845,
0.4557


217.2598, 0.3443,
0.3797

 8.1239, 0.3947,
0.4792

263.5941, 0.3424,
0.3765

 4.1743, 0.4078,
0.5137

316.0879, 0.3407,

 1.7716, 0.4273,

0.3737

0.5727

375.1257, 0.3392,
0.3712

0.4694, 0.2982,
0.7018

0.0000, 0.0000,
0.0000

64.5274, 0.3590,
0.4055

64.5274, 0.3590,
0.4055

63.9122, 0.3734,
0.4293

65.2737, 0.3439,
0.3806

63.4124, 0.3866,
0.4511

66.1489, 0.3288,
0.3555

63.0235, 0.3980,
0.4700

67.1616, 0.3139,
0.3310

62.7369, 0.4071,
0.4850

68.3176, 0.2997,
0.3075

■ 62.5430, 0.4136,
0.4958

■ 69.6194, 0.2864,
0.2855

■ 62.4302, 0.4176,
0.5023

■ 69.6211, 0.2864,
0.2855

■ 62.3794, 0.4193,
0.5052

■ 69.6228, 0.2864,
0.2855

■ 69.6245, 0.2864,
0.2855

■ 69.6261, 0.2864,
0.2856

Harmonies

Analogous

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



64.5274, 0.3891, 0.3885



64.5274, 0.3590, 0.4055



64.5274, 0.3177, 0.3999

Triad

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



64.5274, 0.3590, 0.4055



64.5274, 0.2341, 0.2907



64.5274, 0.3467, 0.2918

Complementary

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



64.5274, 0.3590, 0.4055



32.3493, 0.2583, 0.2390

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.



64.5274, 0.3030, 0.2691



64.5274, 0.3590, 0.4055



64.5274, 0.2404, 0.2667

Square

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



64.5274, 0.3590, 0.4055



64.5274, 0.2468, 0.3287



64.5274, 0.2647, 0.2598



64.5274, 0.3826, 0.3235

Rectangle

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



64.5274, 0.3590, 0.4055



64.5274, 0.2897, 0.3825



64.5274, 0.2647, 0.2598



64.5274, 0.3323, 0.2830

Sweetspot

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



64.5303, 0.3590, 0.4055



98.6068, 0.3261, 0.3512



37.6632, 0.3810, 0.3278



21.0612, 0.3284, 0.3549



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.



64.5303, 0.3590, 0.4055



95.3316, 0.3685, 0.4213



60.1978, 0.3337, 0.4123



14.5196, 0.3266, 0.3520



37.7003, 0.4193, 0.5052



2.2740, 0.4193, 0.5052

Inverse Universe

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



32.3493, 0.2583, 0.2390



40.1334, 0.2446, 0.2164



35.7409, 0.2853, 0.2454



12.0090, 0.2981, 0.3049



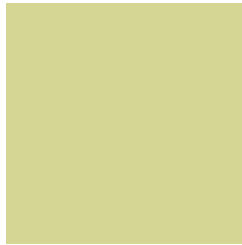
2.9351, 0.1500, 0.0600



0.1771, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 64.5274, 0.3590, 0.4055 looks on a white background.

Color Contrast Check

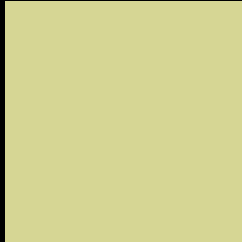
Large Text (above 18pt) WCAG AA × Fail

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 64.5274, 0.3590, 0.4055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

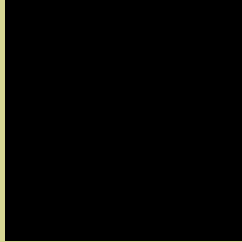
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.5274, 0.3590, 0.4055

Background



This preview shows how black text looks on a background with the Yxy color 64.5274, 0.3590, 0.4055.



This preview shows how white text looks on a background with the Yxy color 64.5274, 0.3590, 0.4055.

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

64.5274, 0.3590, 0.4055

Protanopia

64.4994, 0.3724, 0.4009

Deuteranopia

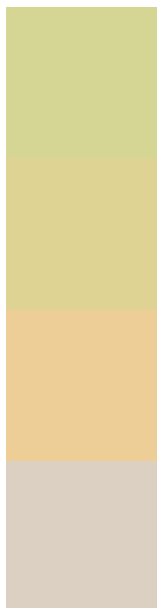
64.1474, 0.3904, 0.3821



Tritanopia

64.5711, 0.3151, 0.3115

Trichromacy



Original Color

64.5274, 0.3590, 0.4055

Protanomaly

64.2247, 0.3672, 0.4019

Deuteranomaly

64.1775, 0.3784, 0.3906

Tritanomaly

64.2224, 0.3319, 0.3449

Monochromacy



Original Color

64.5274, 0.3590, 0.4055

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.6590, 0.3297, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5274, 0.3590, 0.4055 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, 214, 148)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 148)  
}
```

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, 214, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 148) }
```

Border

The CSS property to change the border of an element to Yxy 64.5274, 0.3590, 0.4055 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, 214, 148) }
```

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

```
.border{ border-color:rgb(214, 214, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 148);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5274, 0.3590, 0.4055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 148) }
```

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

```
.background{ background-color: rgb(214,  
214, 148) }
```

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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