

Converting Colors

$Yxy(64.6289, 0.3567, 0.4018)$

Have a look what the booklet for
Yxy(64.6289, 0.3567, 0.4018)
contains.

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Color

Yxy(64.6236, 0.3569, 0.4021)

Conversions

Conversions Part 1

Format	Color
Hex	D6D697
RGB	214, 214, 151
RGB Percent	84%, 84%, 59%
CMY	0.1609, 0.1607, 0.4078
CMYK	0.00, 0.00, 0.29, 0.16
HSL	60°, 43%, 72%
HSV	60°, 29%, 84%
XYZ	57.3593, 64.6236, 38.7324
YIQ	206.8180, 20.2230, -19.5930

Conversions

Conversions Part 2

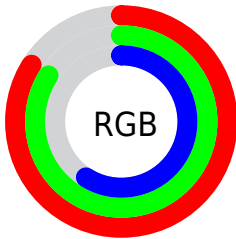
Format	Color
RYB	151, 214, 151
Decimal	14079639
CIELab	84.29, -9.75, 31.20
CIELCh	84, 32.691, 107.355
Yxy	64.6236, 0.3569, 0.4021
Android (android.graphics.Color)	4292269719 (0xFFD6D697)
YUV	206.8180, -27.5183, 6.2986
Hunter-Lab	80.3888, -13.3165, 27.7055

Details

The Yxy color **64.6236, 0.3569, 0.4021** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.5763, 0.2612, 0.2437**, and the grayscale version is **62.4442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **32.9662, 0.3669, 0.4207** is the 20% darker color. If you saturate the color by 10%, you get **63.9912, 0.3714, 0.4262**, and if you desaturate by 10%, it is **65.3881, 0.3418, 0.3771**.

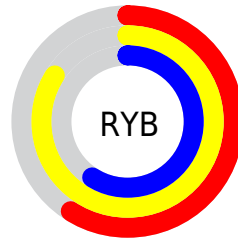
Distribution



Red (84%)

Green (84%)

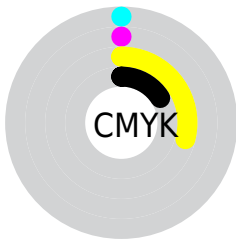
Blue (59%)



Red (59%)

Yellow (84%)

Blue (59%)

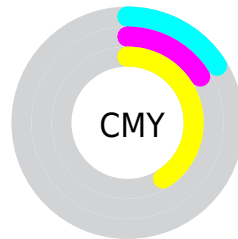


Cyan (0%)

Magenta (0%)

Yellow (29%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6236, 0.3569, 0.4021 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 64.6236, 0.3569, 0.4021 by changing the saturation by 10% instead.


 64.6236, 0.3569,
0.4021


 64.6236, 0.3569,
0.4021


441.4381, 0.3367,
0.3671

 47.1559, 0.3614,
0.4103


 111.5085, 0.3500,
0.3898

 33.1589, 0.3668,
0.4204


 141.6946, 0.3472,
0.3851

 22.2482, 0.3734,
0.4334


176.8889, 0.3449,
0.3810

 14.0394, 0.3816,
0.4503

217.4759, 0.3428,
0.3775

 8.1481, 0.3917,
0.4732

263.8399, 0.3410,
0.3744

 4.1898, 0.4042,
0.5057


316.3653, 0.3394,

 1.7803, 0.4296,


0.3717


0.5704


375.4366, 0.3380,
0.3693


 0.4749, 0.3100,
0.6900


 0.0000, 0.0000,
0.0000


 64.6236, 0.3569,
0.4021


 64.6236, 0.3569,
0.4021


 63.9912, 0.3714,
0.4262

 65.3881, 0.3418,
0.3771

 63.4752, 0.3848,
0.4483

 66.2822, 0.3267,
0.3521

 63.0712, 0.3965,
0.4676

 67.3147, 0.3119,
0.3277

 62.7707, 0.4059,
0.4832

 68.4912, 0.2978,
0.3044

■ 62.5643, 0.4128,
0.4946

■ 69.6211, 0.2864,
0.2855

■ 62.4409, 0.4171,
0.5017

■ 69.6230, 0.2864,
0.2855

■ 62.3814, 0.4191,
0.5052

■ 69.6249, 0.2865,
0.2855

■ 62.3786, 0.4192,
0.5053

■ 69.6267, 0.2865,
0.2855

■ 69.6286, 0.2865,
0.2855

Harmonies

Analogous

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



64.6236, 0.3856, 0.3862



64.6236, 0.3569, 0.4021



64.6236, 0.3174, 0.3965

Triad

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



64.6236, 0.3569, 0.4021



64.6236, 0.2373, 0.2923



64.6236, 0.3455, 0.2936

Complementary

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



64.6236, 0.3569, 0.4021



33.5763, 0.2612, 0.2437

Split Complementary

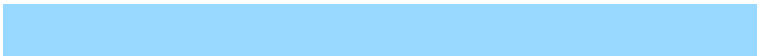
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.6236, 0.3037, 0.2717



64.6236, 0.3569, 0.4021



64.6236, 0.2435, 0.2693

Square

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



64.6236, 0.3569, 0.4021



64.6236, 0.2495, 0.3286



64.6236, 0.2669, 0.2627



64.6236, 0.3796, 0.3240

Rectangle

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



64.6236, 0.3569, 0.4021



64.6236, 0.2906, 0.3798



64.6236, 0.2669, 0.2627



64.6236, 0.3317, 0.2851

Sweetspot

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



64.6265, 0.3569, 0.4021



98.6065, 0.3261, 0.3512



38.6694, 0.3779, 0.3292



21.0611, 0.3283, 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.



64.6265, 0.3569, 0.4021



95.5142, 0.3656, 0.4165



60.3415, 0.3320, 0.4084



14.5196, 0.3266, 0.3520



37.6992, 0.4192, 0.5053



2.2740, 0.4192, 0.5053

Inverse Universe

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



33.5763, 0.2612, 0.2437



42.4872, 0.2489, 0.2235



36.9999, 0.2877, 0.2498



12.0091, 0.2981, 0.3049



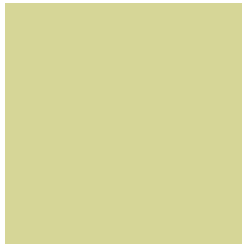
2.9352, 0.1500, 0.0600



0.1772, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 64.6236, 0.3569, 0.4021 looks on a white background.

Color Contrast Check

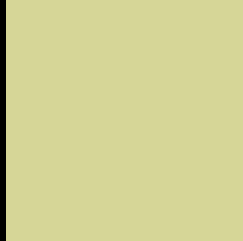
Large Text (above 18pt) WCAG AA × Fail

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 64.6236, 0.3569, 0.4021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

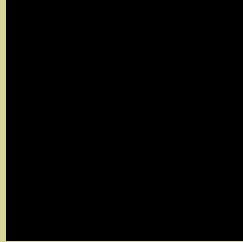
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.6236, 0.3569, 0.4021

Background



This preview shows how black text looks on a background with the Yxy color 64.6236, 0.3569, 0.4021.



This preview shows how white text looks on a background with the Yxy color 64.6236, 0.3569, 0.4021.

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

64.6236, 0.3569, 0.4021

Protanopia

64.5940, 0.3702, 0.3976

Deuteranopia

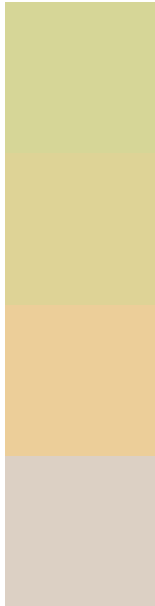
64.2461, 0.3880, 0.3789



Tritanopia

64.5711, 0.3151, 0.3115

Trichromacy



Original Color

64.6236, 0.3569, 0.4021

Protanomaly

64.3201, 0.3651, 0.3985

Deuteranomaly

64.2754, 0.3761, 0.3873

Tritanomaly

64.3129, 0.3305, 0.3426

Monochromacy



Original Color

64.6236, 0.3569, 0.4021

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.3827, 0.3289, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6236, 0.3569, 0.4021 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 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(214, 214, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 151) }
```

Border

The CSS property to change the border of an element to Yxy 64.6236, 0.3569, 0.4021 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, 151) }
```

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

```
.border{ border-color:rgb(214, 214, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 151);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6236, 0.3569, 0.4021 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, 151) }
```

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

```
.background{ background-color: rgb(214,  
214, 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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