

Converting Colors

Yxy(62.4625, 0.3597, 0.4056)

Have a look what the booklet for
Yxy(62.4625, 0.3597, 0.4056)
contains.

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Color

Yxy(62.5127, 0.3589, 0.4054)

Conversions

Conversions Part 1

Format	Color
Hex	D3D392
RGB	211, 211, 146
RGB Percent	83%, 83%, 57%
CMY	0.1726, 0.1725, 0.4274
CMYK	0.00, 0.00, 0.31, 0.17
HSL	60°, 42%, 70%
HSV	60°, 31%, 83%
XYZ	55.3424, 62.5127, 36.3450
YIQ	203.5900, 20.8650, -20.2150

Conversions

Conversions Part 2

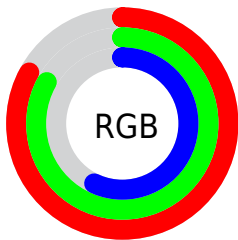
Format	Color
R_{YB}	146, 211, 146
Decimal	13882258
CIE _{Lab}	83.19, -10.00, 32.27
CIE _{LCh}	83, 33.787, 107.222
Yxy	62.5127, 0.3589, 0.4054
Android (android.graphics.Color)	4292072338 (0xFFD3D392)
YUV	203.5900, -28.3919, 6.4986
Hunter-Lab	79.0650, -13.4207, 28.0908

Details

The Yxy color **62.5127, 0.3589, 0.4054** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.3777, 0.2584, 0.2392**, and the grayscale version is **60.2839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9501, 0.3454, 0.3830**, and **32.0081, 0.3692, 0.4246** is the 20% darker color. If you saturate the color by 10%, you get **61.9167, 0.3733, 0.4292**, and if you desaturate by 10%, it is **63.2355, 0.3439, 0.3805**.

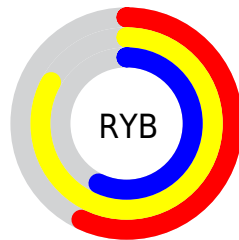
Distribution



Red (83%)

Green (83%)

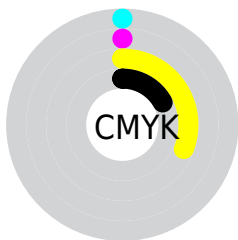
Blue (57%)



Red (57%)

Yellow (83%)

Blue (57%)

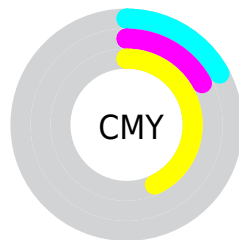


Cyan (0%)

Magenta (0%)

Yellow (31%)

Black (17%)



Cyan (17%)


Magenta (17%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5127, 0.3589, 0.4054 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 62.5127, 0.3589, 0.4054 by changing the saturation by 10% instead.

 62.5127, 0.3589,
0.4054


 62.5127, 0.3589,
0.4054


433.7988, 0.3377,
0.3687

 45.4471, 0.3636,
0.4140


 108.4662, 0.3516,
0.3924

 31.8097, 0.3693,
0.4248


 138.1229, 0.3488,
0.3875

 21.2162, 0.3762,
0.4385

172.7453, 0.3463,
0.3832

 13.2821, 0.3847,
0.4564

212.7180, 0.3441,
0.3795

 7.6231, 0.3951,
0.4805

258.4253, 0.3422,
0.3763

 3.8548, 0.4098,
0.5178

310.2516, 0.3405,

 1.5926, 0.4257,

0.3734

368.5813, 0.3390,
0.3709

0.5743

0.3526, 0.2051,
0.7949

0.0000, 0.0000,
0.0000

62.5127, 0.3589,
0.4054

62.5127, 0.3589,
0.4054

61.9167, 0.3733,
0.4292

63.2355, 0.3439,
0.3805

61.4325, 0.3865,
0.4511


64.0829, 0.3287,
0.3555


61.0554, 0.3979,
0.4699

65.0633, 0.3139,
0.3309

60.7774, 0.4070,
0.4850


66.1823, 0.2997,
0.3075

 60.5891, 0.4135,
0.4958

 67.4449, 0.2864,
0.2855

 60.4793, 0.4174,
0.5023

 67.6691, 0.2843,
0.2820

 60.4295, 0.4192,
0.5053

 67.6706, 0.2843,
0.2820

 67.6721, 0.2843,
0.2820

 67.6736, 0.2843,
0.2820

Harmonies

Analogous

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



62.5127, 0.3889, 0.3885



62.5127, 0.3589, 0.4054



62.5127, 0.3176, 0.3998

Triad

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



62.5127, 0.3589, 0.4054



62.5127, 0.2342, 0.2907



62.5127, 0.3467, 0.2919

Complementary

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



62.5127, 0.3589, 0.4054



31.3777, 0.2584, 0.2392

Split Complementary

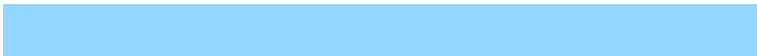
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.5127, 0.3031, 0.2692



62.5127, 0.3589, 0.4054



62.5127, 0.2405, 0.2668

Square

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



62.5127, 0.3589, 0.4054



62.5127, 0.2469, 0.3287



62.5127, 0.2648, 0.2599



62.5127, 0.3825, 0.3235

Rectangle

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



62.5127, 0.3589, 0.4054



62.5127, 0.2897, 0.3824



62.5127, 0.2648, 0.2599



62.5127, 0.3323, 0.2831

Sweetspot

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



62.5155, 0.3589, 0.4054



98.6069, 0.3261, 0.3512



36.4856, 0.3820, 0.3292



21.0612, 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.



62.5155, 0.3589, 0.4054



95.3322, 0.3685, 0.4213



58.1949, 0.3328, 0.4124



13.7974, 0.3266, 0.3520



36.4650, 0.4192, 0.5053



2.0390, 0.4193, 0.5053

Inverse Universe

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



31.3777, 0.2584, 0.2392



40.1331, 0.2446, 0.2164



34.7885, 0.2863, 0.2458



11.4180, 0.2982, 0.3050



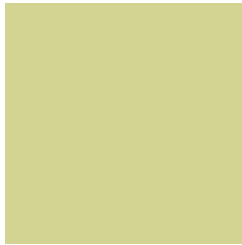
2.8389, 0.1500, 0.0600



0.1588, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 62.5127, 0.3589, 0.4054 looks on a white background.

Color Contrast Check

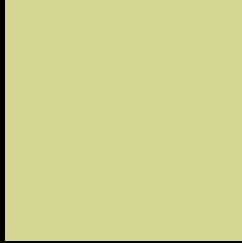
Large Text (above 18pt) WCAG AA × Fail

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 62.5127, 0.3589, 0.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

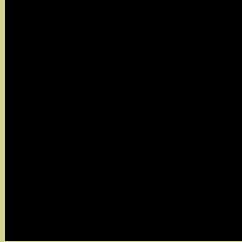
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

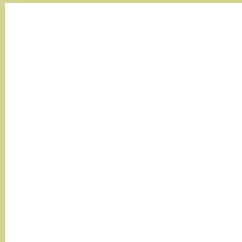
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5127, 0.3589, 0.4054

Background



This preview shows how black text looks on a background with the Yxy color 62.5127, 0.3589, 0.4054.



This preview shows how white text looks on a background with the Yxy color 62.5127, 0.3589, 0.4054.

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

62.5127, 0.3589, 0.4054

Protanopia

62.4866, 0.3725, 0.4007

Deuteranopia

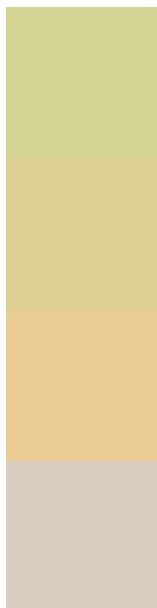
62.1509, 0.3907, 0.3816



Tritanopia

62.5187, 0.3151, 0.3112

Trichromacy



Original Color

62.5127, 0.3589, 0.4054

Protanomaly

62.2162, 0.3672, 0.4017

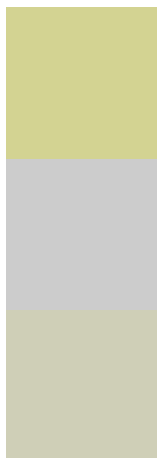
Deuteranomaly

62.1736, 0.3785, 0.3902

Tritanomaly

62.2201, 0.3315, 0.3439

Monochromacy



Original Color

62.5127, 0.3589, 0.4054

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.3099, 0.3299, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5127, 0.3589, 0.4054 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, 211, 146)` looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 146)  
}
```

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, 211, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 146) }
```

Border

The CSS property to change the border of an element to Yxy 62.5127, 0.3589, 0.4054 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, 211, 146) }
```

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

```
.border{ border-color:rgb(211, 211, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 146);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5127, 0.3589, 0.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 146) }
```

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

```
.background{ background-color: rgb(211,  
211, 146) }
```

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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