

Converting Colors

$Yxy(60.3364, 0.3669, 0.4034)$

Have a look what the booklet for
Yxy(60.3364, 0.3669, 0.4034)
contains.

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Color

Yxy(60.5427, 0.3668, 0.4039)

Conversions

Conversions Part 1

Format	Color
Hex	D7CE8E
RGB	215, 206, 142
RGB Percent	84%, 81%, 56%
CMY	0.1568, 0.1922, 0.4432
CMYK	0.00, 0.04, 0.34, 0.16
HSL	53°, 48%, 70%
HSV	53°, 34%, 84%
XYZ	54.9816, 60.5427, 34.3710
YIQ	201.3950, 25.9080, -17.9960

Conversions

Conversions Part 2

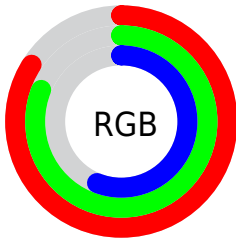
Format	Color
R _{YB}	152, 215, 142
Decimal	14143118
CIE Lab	82.13, -6.37, 33.02
CIE LCh	82, 33.625, 100.927
Yxy	60.5427, 0.3668, 0.4039
Android (android.graphics.Color)	4292333198 (0xFFD7CE8E)
YUV	201.3950, -29.2817, 11.9316
Hunter-Lab	77.8092, -10.0343, 28.2760

Details

The Yxy color **60.5427, 0.3668, 0.4039** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.7906, 0.2534, 0.2409**, and the grayscale version is **58.8420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **30.5827, 0.3789, 0.4227** is the 20% darker color. If you saturate the color by 10%, you get **58.6928, 0.3831, 0.4252**, and if you desaturate by 10%, it is **62.5443, 0.3503, 0.3817**.

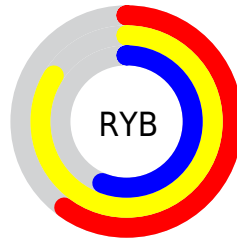
Distribution



Red (84%)

Green (81%)

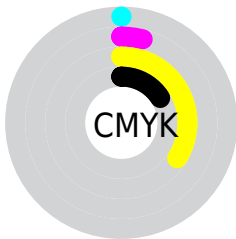
Blue (56%)



Red (60%)

Yellow (84%)

Blue (56%)

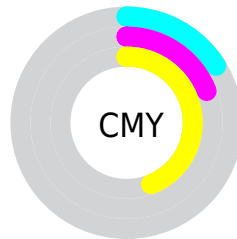


Cyan (0%)

Magenta (4%)

Yellow (34%)

Black (16%)



Cyan (16%)


Magenta (19%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5427, 0.3668, 0.4039 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 60.5427, 0.3668, 0.4039 by changing the saturation by 10% instead.


 60.5427, 0.3668,
0.4039


 60.5427, 0.3668,
0.4039


426.5953, 0.3416,
0.3680

 43.8562, 0.3725,
0.4123


 105.6165, 0.3581,
0.3913

 30.5575, 0.3793,
0.4227


 134.7726, 0.3547,
0.3864

 20.2621, 0.3878,
0.4358


168.8541, 0.3518,
0.3822

 12.5857, 0.3984,
0.4529

208.2453, 0.3492,
0.3786

 7.1439, 0.4115,
0.4755

253.3306, 0.3470,
0.3755

 3.5523, 0.4339,
0.5140

304.4945, 0.3450,

 1.4264, 0.4470,

0.3727

0.5530

362.1212, 0.3432,
0.3702

■ 0.2361, 0.2256,
0.7744

■ 0.0000, 0.0000,
0.0000

■ 60.5427, 0.3668,
0.4039

■ 60.5427, 0.3668,
0.4039

■ 58.6928, 0.3831,
0.4252

■ 62.5443, 0.3503,
0.3817

■ 56.9789, 0.3986,
0.4445

■ 64.6961, 0.3341,
0.3593

■ 55.3960, 0.4126,
0.4610

■ 67.0071, 0.3186,
0.3374

■ 53.9349, 0.4245,
0.4736

■ 69.4830, 0.3041,
0.3165

■ 52.5852, 0.4338,
0.4819

■ 72.1295, 0.2906,
0.2969

■ 51.3345, 0.4402,
0.4857

■ 73.8785, 0.2874,
0.2942

■ 50.6151, 0.4431,
0.4864

■ 75.2999, 0.2876,
0.2970

■ 76.7436, 0.2877,
0.2999

■ 78.2098, 0.2878,
0.3027

Harmonies

Analogous

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



60.5427, 0.3933, 0.3832



60.5427, 0.3668, 0.4039



60.5427, 0.3267, 0.4036

Triad

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



60.5427, 0.3668, 0.4039



60.5427, 0.2348, 0.2975



60.5427, 0.3378, 0.2860

Complementary

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



60.5427, 0.3668, 0.4039



32.7906, 0.2534, 0.2409

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.



60.5427, 0.2941, 0.2657



60.5427, 0.3668, 0.4039



60.5427, 0.2372, 0.2700

Square

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



60.5427, 0.3668, 0.4039



60.5427, 0.2515, 0.3377



60.5427, 0.2580, 0.2596



60.5427, 0.3767, 0.3163

Rectangle

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



60.5427, 0.3668, 0.4039



60.5427, 0.2981, 0.3893



60.5427, 0.2580, 0.2596



60.5427, 0.3231, 0.2779

Sweetspot

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



60.5455, 0.3668, 0.4039



96.4720, 0.3280, 0.3507



36.0486, 0.3814, 0.3172



20.5470, 0.3302, 0.3539



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.



60.5455, 0.3668, 0.4039



87.0323, 0.3790, 0.4198



61.2863, 0.3422, 0.4196



14.2459, 0.3269, 0.3493



30.3733, 0.4427, 0.4867



1.9071, 0.4381, 0.4903

Inverse Universe

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



32.7906, 0.2534, 0.2409



40.0705, 0.2385, 0.2178



32.6566, 0.2742, 0.2341



12.2534, 0.2981, 0.3079



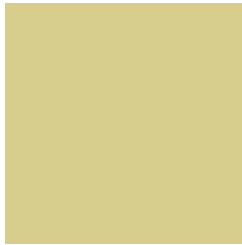
3.4747, 0.1527, 0.0698



0.2932, 0.1593, 0.0933

Previews

White Background



This preview shows how the Yxy color 60.5427, 0.3668, 0.4039 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 60.5427, 0.3668, 0.4039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

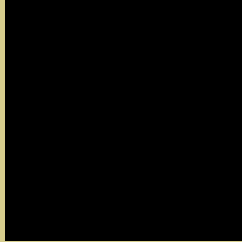
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5427, 0.3668, 0.4039

Background



This preview shows how black text looks on a background with the Yxy color 60.5427, 0.3668, 0.4039.



This preview shows how white text looks on a background with the Yxy color 60.5427, 0.3668, 0.4039.

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

60.5427, 0.3668, 0.4039

Protanopia

60.4810, 0.3733, 0.4016

Deuteranopia

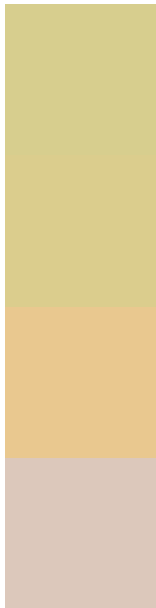
60.5482, 0.3930, 0.3854



Tritanopia

60.3739, 0.3222, 0.3123

Trichromacy



Original Color

60.5427, 0.3668, 0.4039

Protanomaly

60.6458, 0.3712, 0.4031

Deuteranomaly

60.6154, 0.3835, 0.3926

Tritanomaly

60.1121, 0.3384, 0.3440

Monochromacy



Original Color

60.5427, 0.3668, 0.4039

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1290, 0.3319, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5427, 0.3668, 0.4039 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(215, 206, 142)` looks like.

```
.text, #text, p{  
    color:rgb(215, 206, 142)  
}
```

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(215, 206, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 206, 142) }
```

Border

The CSS property to change the border of an element to Yxy 60.5427, 0.3668, 0.4039 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(215, 206, 142) }
```

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

```
.border{ border-color:rgb(215, 206, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 206, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 206, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 206, 142);  
box-shadow:4px 4px 4px 4px rgb(215, 206,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5427, 0.3668, 0.4039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 206, 142) }
```

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

```
.background{ background-color: rgb(215,  
206, 142) }
```

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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