

Converting Colors

$Yxy(60.4854, 0.3595, 0.3879)$

Have a look what the booklet for
Yxy(60.4854, 0.3595, 0.3879)
contains.

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Color

Yxy(60.7475, 0.3599, 0.3885)

Conversions

Conversions Part 1

Format	Color
Hex	D9CD9A
RGB	217, 205, 154
RGB Percent	85%, 80%, 60%
CMY	0.1491, 0.1960, 0.3960
CMYK	0.00, 0.06, 0.29, 0.15
HSL	49°, 45%, 73%
HSV	49°, 29%, 85%
XYZ	56.2755, 60.7475, 39.3412
YIQ	202.7740, 23.5230, -13.3170

Conversions

Conversions Part 2

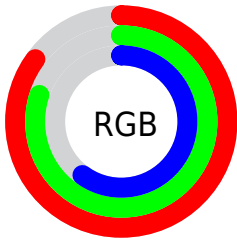
Format	Color
R _Y B	169, 217, 154
Decimal	14273946
CIE Lab	82.24, -3.61, 26.94
CIE LCh	82, 27.176, 97.629
Yxy	60.7475, 0.3599, 0.3885
Android (android.graphics.Color)	4292464026 (0xFFD9CD9A)
YUV	202.7740, -24.0456, 12.4762
Hunter-Lab	77.9407, -7.5139, 24.6313

Details

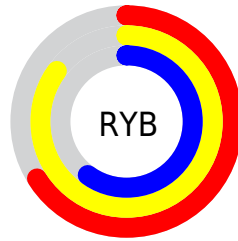
The Yxy color **60.7475, 0.3599, 0.3885** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.1493, 0.2637, 0.2614**, and the grayscale version is **59.7152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **30.6696, 0.3714, 0.4044** is the 20% darker color. If you saturate the color by 10%, you get **58.1441, 0.3775, 0.4091**, and if you desaturate by 10%, it is **63.5391, 0.3428, 0.3676**.

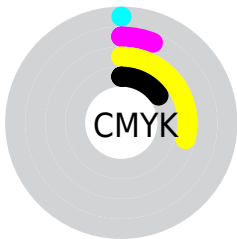
Distribution



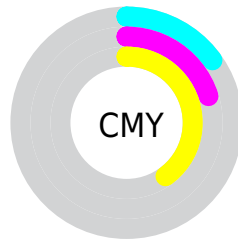
- Red (85%)
- Green (80%)
- Blue (60%)



- Red (66%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (15%)




- Cyan (15%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7475, 0.3599, 0.3885 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 60.7475, 0.3599, 0.3885 by changing the saturation by 10% instead.


 60.7475, 0.3599,
0.3885


 60.7475, 0.3599,
0.3885


427.3476, 0.3377,
0.3600

 44.0214, 0.3650,
0.3952

 105.9133, 0.3521,
0.3785

 30.6874, 0.3713,
0.4035


 135.1217, 0.3491,
0.3746

 20.3609, 0.3792,
0.4141


169.2598, 0.3466,
0.3713

 12.6576, 0.3895,
0.4279

208.7118, 0.3443,
0.3685

 7.1932, 0.4029,
0.4467

253.8622, 0.3423,
0.3660

 3.5832, 0.4211,
0.4735

305.0954, 0.3406,

 1.4433, 0.4648,

0.3637

362.7957, 0.3390,
0.3618

0.5352

0.2483, 0.3733,
0.6267

0.0000, 0.0000,
0.0000

60.7475, 0.3599,
0.3885

60.7475, 0.3599,
0.3885

58.1441, 0.3775,
0.4091

63.5391, 0.3428,
0.3676

55.7132, 0.3950,
0.4284

66.5175, 0.3265,
0.3469

53.4495, 0.4117,
0.4454

69.6920, 0.3113,
0.3271

51.3439, 0.4268,
0.4592

73.0686, 0.2973,
0.3083

■ 49.3864, 0.4397,
0.4689

■ 76.1598, 0.2889,
0.2983

■ 47.5649, 0.4498,
0.4739

■ 78.4247, 0.2890,
0.3027

■ 45.8608, 0.4572,
0.4747

■ 80.7439, 0.2892,
0.3070

■ 45.6965, 0.4579,
0.4746

■ 83.1177, 0.2893,
0.3114

■ 85.5465, 0.2895,
0.3157

Harmonies

Analogous

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



60.7475, 0.3792, 0.3711



60.7475, 0.3599, 0.3885



60.7475, 0.3284, 0.3895

Triad

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



60.7475, 0.3599, 0.3885



60.7475, 0.2498, 0.3073



60.7475, 0.3294, 0.2915

Complementary

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



60.7475, 0.3599, 0.3885



39.1493, 0.2637, 0.2614

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.



60.7475, 0.2942, 0.2758



60.7475, 0.3599, 0.3885



60.7475, 0.2499, 0.2832

Square

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



60.7475, 0.3599, 0.3885



60.7475, 0.2654, 0.3401



60.7475, 0.2656, 0.2725



60.7475, 0.3614, 0.3160

Rectangle

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



60.7475, 0.3599, 0.3885



60.7475, 0.3051, 0.3794



60.7475, 0.2656, 0.2725



60.7475, 0.3175, 0.2851

Sweetspot

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



60.7503, 0.3599, 0.3885



95.8576, 0.3266, 0.3471



40.6432, 0.3638, 0.3139



20.3789, 0.3289, 0.3501



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.



60.7503, 0.3599, 0.3885



85.1752, 0.3710, 0.4016



63.9652, 0.3415, 0.4048



14.8212, 0.3271, 0.3478



27.8164, 0.4572, 0.4752



1.9127, 0.4499, 0.4810

Inverse Universe

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



39.1493, 0.2637, 0.2614



49.0483, 0.2517, 0.2440



37.0019, 0.2773, 0.2485



13.0157, 0.2981, 0.3095



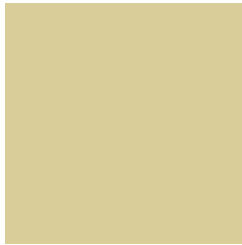
4.1178, 0.1552, 0.0787



0.3858, 0.1632, 0.1075

Previews

White Background



This preview shows how the Yxy color 60.7475, 0.3599, 0.3885 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 60.7475, 0.3599, 0.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

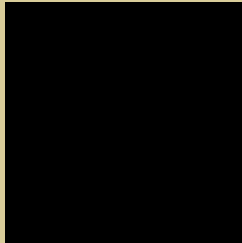
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7475, 0.3599, 0.3885

Background



This preview shows how black text looks on a background with the Yxy color 60.7475, 0.3599, 0.3885.



This preview shows how white text looks on a background with the Yxy color 60.7475, 0.3599, 0.3885.

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

60.7475, 0.3599, 0.3885

Protanopia

60.5789, 0.3619, 0.3871

Deuteranopia

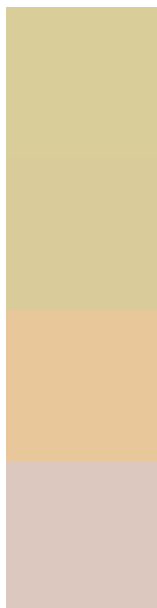
60.4054, 0.3809, 0.3730



Tritanopia

60.5839, 0.3222, 0.3113

Trichromacy



Original Color

60.7475, 0.3599, 0.3885

Protanomaly

60.4243, 0.3611, 0.3873

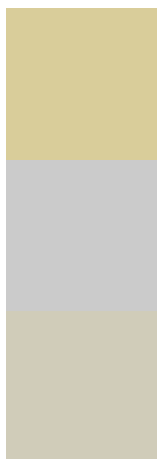
Deuteranomaly

60.3692, 0.3738, 0.3785

Tritanomaly

60.4865, 0.3354, 0.3382

Monochromacy



Original Color

60.7475, 0.3599, 0.3885

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.0984, 0.3296, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7475, 0.3599, 0.3885 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(217, 205, 154)` looks like.

```
.text, #text, p{  
    color:rgb(217, 205, 154)  
}
```

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(217, 205, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 205, 154) }
```

Border

The CSS property to change the border of an element to Yxy 60.7475, 0.3599, 0.3885 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(217, 205, 154) }
```

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

```
.border{ border-color:rgb(217, 205, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 205, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 205, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 205, 154);  
box-shadow:4px 4px 4px 4px rgb(217, 205,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7475, 0.3599, 0.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 205, 154) }
```

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

```
.background{ background-color: rgb(217,  
205, 154) }
```

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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