

Converting Colors

Yxy(60.8342, 0.3633, 0.3819)

Have a look what the booklet for
Yxy(60.8342, 0.3633, 0.3819)
contains.

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Color

Yxy(60.8342, 0.3633, 0.3819)

Conversions

Conversions Part 1

Format	Color
Hex	DFCB9D
RGB	223, 203, 157
RGB Percent	87%, 80%, 62%
CMY	0.1255, 0.2039, 0.3843
CMYK	0.00, 0.09, 0.30, 0.13
HSL	42°, 51%, 75%
HSV	42°, 30%, 87%
XYZ	57.8713, 60.8342, 40.5880
YIQ	203.7360, 26.6860, -10.0660

Conversions

Conversions Part 2

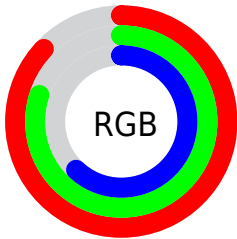
Format	Color
R _{YB}	186, 223, 157
Decimal	14666653
CIE Lab	82.29, 0.12, 25.53
CIE LCh	82, 25.527, 89.725
Yxy	60.8342, 0.3633, 0.3819
Android (android.graphics.Color)	4292856733 (0xFFDFCB9D)
YUV	203.7360, -23.0408, 16.8945
Hunter-Lab	77.9963, -4.0508, 23.7438

Details

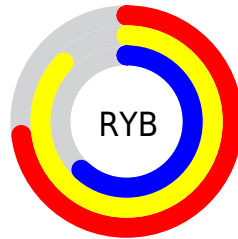
The Yxy color **60.8342, 0.3633, 0.3819** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.9323, 0.2636, 0.2697**, and the grayscale version is **60.3446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **30.7303, 0.3761, 0.3954** is the 20% darker color. If you saturate the color by 10%, you get **57.0230, 0.3829, 0.4000**, and if you desaturate by 10%, it is **64.9289, 0.3448, 0.3635**.

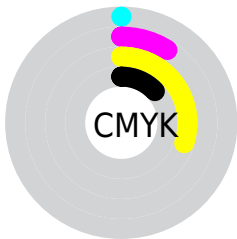
Distribution



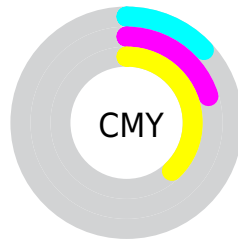
- Red (87%)
- Green (80%)
- Blue (62%)



- Red (73%)
- Yellow (87%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8342, 0.3633, 0.3819 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 60.8342, 0.3633, 0.3819 by changing the saturation by 10% instead.

60.8342, 0.3633,
0.3819

60.8342, 0.3633,
0.3819

427.6658, 0.3393,
0.3568

44.0914, 0.3689,
0.3877

106.0388, 0.3549,
0.3731

30.7424, 0.3758,
0.3949

135.2694, 0.3516,
0.3697

20.4027, 0.3845,
0.4041

169.4314, 0.3488,
0.3668

12.6881, 0.3960,
0.4160

208.9092, 0.3464,
0.3643

7.2141, 0.4113,
0.4319

254.0871, 0.3443,
0.3621

3.5964, 0.4323,
0.4538

305.3496, 0.3424,

1.4505, 0.4881,

0.3601

0.5119

363.0810, 0.3408,
0.3584

■ 0.2535, 0.4904,
0.5096

■ 0.0000, 0.0000,
0.0000

■ 60.8342, 0.3633,
0.3819

■ 60.8342, 0.3633,
0.3819

■ 57.0230, 0.3829,
0.4000

■ 64.9289, 0.3448,
0.3635

■ 53.4776, 0.4031,
0.4171

■ 69.3075, 0.3277,
0.3455

■ 50.1908, 0.4233,
0.4321

■ 73.9810, 0.3121,
0.3283

■ 47.1515, 0.4425,
0.4440

■ 78.9571, 0.2980,
0.3121

■ 44.3473, 0.4597,
0.4516

■ 83.3435, 0.2930,
0.3103

■ 41.7639, 0.4741,
0.4542

■ 87.3228, 0.2932,
0.3173

■ 39.3784, 0.4857,
0.4523

■ 91.4509, 0.2933,
0.3242

■ 39.2851, 0.4861,
0.4522

■ 94.4270, 0.2935,
0.3289

Harmonies

Analogous

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



60.8342, 0.3772, 0.3628



60.8342, 0.3633, 0.3819



60.8342, 0.3360, 0.3872

Triad

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



60.8342, 0.3633, 0.3819



60.8342, 0.2560, 0.3164



60.8342, 0.3196, 0.2888

Complementary

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



60.8342, 0.3633, 0.3819



43.9323, 0.2636, 0.2697

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.



60.8342, 0.2874, 0.2768



60.8342, 0.3633, 0.3819



60.8342, 0.2520, 0.2909

Square

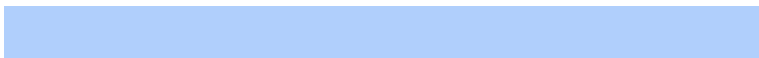
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.8342, 0.3633, 0.3819



60.8342, 0.2743, 0.3478



60.8342, 0.2632, 0.2771



60.8342, 0.3514, 0.3102

Rectangle

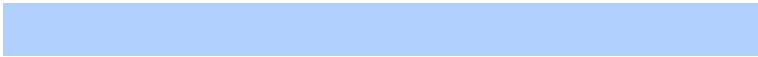
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.8342, 0.3633, 0.3819



60.8342, 0.3143, 0.3808



60.8342, 0.2632, 0.2771



60.8342, 0.3084, 0.2836

Sweetspot

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



60.8370, 0.3633, 0.3819



94.2547, 0.3268, 0.3446



43.0099, 0.3577, 0.3045



19.9822, 0.3292, 0.3472



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.



60.8370, 0.3633, 0.3819



78.9596, 0.3763, 0.3941



69.0395, 0.3480, 0.4051



15.2922, 0.3275, 0.3453



23.3080, 0.4849, 0.4532



1.7708, 0.4723, 0.4631

Inverse Universe

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



43.9323, 0.2636, 0.2697



52.2889, 0.2515, 0.2537



37.8858, 0.2702, 0.2451



13.9167, 0.2981, 0.3122



5.7046, 0.1614, 0.1010



0.5496, 0.1699, 0.1317

Previews

White Background



This preview shows how the Yxy color 60.8342, 0.3633, 0.3819 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 60.8342, 0.3633, 0.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

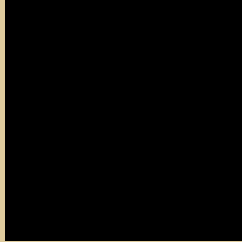
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8342, 0.3633, 0.3819

Background



This preview shows how black text looks on a background with the Yxy color 60.8342, 0.3633, 0.3819.



This preview shows how white text looks on a background with the Yxy color 60.8342, 0.3633, 0.3819.

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

60.8342, 0.3633, 0.3819

Protanopia

60.7144, 0.3589, 0.3824

Deuteranopia

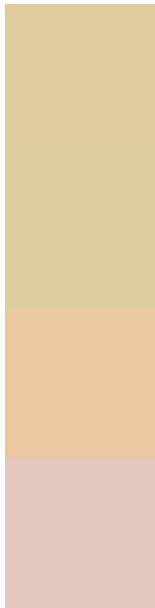
60.4737, 0.3792, 0.3708



Tritanopia

60.8410, 0.3278, 0.3125

Trichromacy



Original Color

60.8342, 0.3633, 0.3819

Protanomaly

60.8700, 0.3597, 0.3823

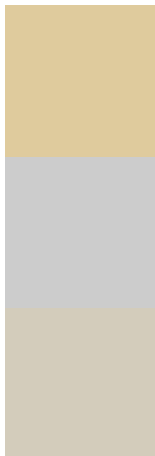
Deuteranomaly

60.8079, 0.3731, 0.3748

Tritanomaly

60.9393, 0.3412, 0.3381

Monochromacy



Original Color

60.8342, 0.3633, 0.3819

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.6225, 0.3305, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8342, 0.3633, 0.3819 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(223, 203, 157)` looks like.

```
.text, #text, p{  
    color:rgb(223, 203, 157)  
}
```

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(223, 203, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 203, 157) }
```

Border

The CSS property to change the border of an element to Yxy 60.8342, 0.3633, 0.3819 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(223, 203, 157) }
```

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

```
.border{ border-color:rgb(223, 203, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 203, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 203, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 203, 157);  
box-shadow:4px 4px 4px 4px rgb(223, 203,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8342, 0.3633, 0.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 203, 157) }
```

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

```
.background{ background-color: rgb(223,  
203, 157) }
```

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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