

Converting Colors

$Yxy(61.3099, 0.3648, 0.3854)$

Have a look what the booklet for
Yxy(61.3099, 0.3648, 0.3854)
contains.

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Color

Yxy(61.2403, 0.3645, 0.3853)

Conversions

Conversions Part 1

Format	Color
Hex	DFCC9B
RGB	223, 204, 155
RGB Percent	87%, 80%, 61%
CMY	0.1256, 0.1999, 0.3922
CMYK	0.00, 0.09, 0.30, 0.13
HSL	43°, 51%, 74%
HSV	43°, 30%, 87%
XYZ	57.9343, 61.2403, 39.7673
YIQ	204.0950, 27.0530, -11.2110

Conversions

Conversions Part 2

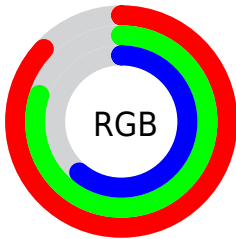
Format	Color
R _Y B	181, 223, 155
Decimal	14666907
CIE Lab	82.51, -0.66, 26.88
CIE LCh	83, 26.888, 91.416
Yxy	61.2403, 0.3645, 0.3853
Android (android.graphics.Color)	4292856987 (0xFFDFCC9B)
YUV	204.0950, -24.2038, 16.5797
Hunter-Lab	78.2562, -4.8019, 24.6501

Details

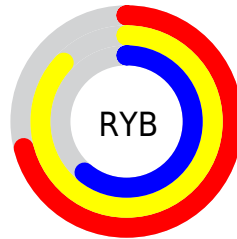
The Yxy color **61.2403, 0.3645, 0.3853** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.5432, 0.2617, 0.2654**, and the grayscale version is **60.5889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **31.0075, 0.3776, 0.3997** is the 20% darker color. If you saturate the color by 10%, you get **57.6642, 0.3837, 0.4039**, and if you desaturate by 10%, it is **65.0784, 0.3462, 0.3664**.

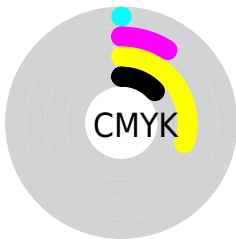
Distribution



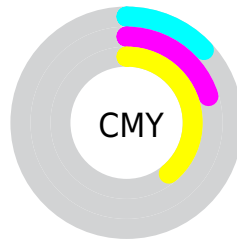
- Red (87%)
- Green (80%)
- Blue (61%)



- Red (71%)
- Yellow (87%)
- Blue (61%)



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





- Cyan (13%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2403, 0.3645, 0.3853 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 61.2403, 0.3645, 0.3853 by changing the saturation by 10% instead.


 61.2403, 0.3645,
0.3853


 61.2403, 0.3645,
0.3853


429.1545, 0.3400,
0.3586

 44.4191, 0.3702,
0.3915


 106.6268, 0.3559,
0.3759

 31.0001, 0.3771,
0.3991


 135.9609, 0.3526,
0.3723

 20.5990, 0.3860,
0.4089

170.2348, 0.3498,
0.3692

 12.8312, 0.3974,
0.4215

209.8328, 0.3473,
0.3665

 7.3124, 0.4126,
0.4383

255.1394, 0.3451,
0.3642

 3.6582, 0.4334,
0.4615

306.5390, 0.3432,

 1.4843, 0.4832,

0.3621

0.5168

364.4159, 0.3415,
0.3603

■ 0.2776, 0.4715,
0.5285

■ 0.0000, 0.0000,
0.0000

■ 61.2403, 0.3645,
0.3853

■ 61.2403, 0.3645,
0.3853

■ 57.6642, 0.3837,
0.4039

■ 65.0784, 0.3462,
0.3664

■ 54.3326, 0.4034,
0.4213

■ 69.1785, 0.3291,
0.3477

■ 51.2387, 0.4227,
0.4365

■ 73.5511, 0.3135,
0.3299

■ 48.3718, 0.4408,
0.4484

■ 78.2039, 0.2993,
0.3130

■ 45.7196, 0.4568,
0.4560

■ 82.3830, 0.2930,
0.3086

■ 43.2681, 0.4699,
0.4587

■ 86.0086, 0.2931,
0.3150

■ 41.1019, 0.4798,
0.4572

■ 89.7600, 0.2933,
0.3214

■ 93.6384, 0.2934,
0.3277

■ 94.4246, 0.2934,
0.3289

Harmonies

Analogous

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



61.2403, 0.3802, 0.3657



61.2403, 0.3645, 0.3853



61.2403, 0.3352, 0.3900

Triad

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



61.2403, 0.3645, 0.3853



61.2403, 0.2525, 0.3139



61.2403, 0.3219, 0.2879

Complementary

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



61.2403, 0.3645, 0.3853



42.5432, 0.2617, 0.2654

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.



61.2403, 0.2878, 0.2747



61.2403, 0.3645, 0.3853



61.2403, 0.2494, 0.2877

Square

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



61.2403, 0.3645, 0.3853



61.2403, 0.2710, 0.3469



61.2403, 0.2619, 0.2742



61.2403, 0.3550, 0.3107

Rectangle

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



61.2403, 0.3645, 0.3853



61.2403, 0.3123, 0.3827



61.2403, 0.2619, 0.2742



61.2403, 0.3101, 0.2823

Sweetspot

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



61.2431, 0.3645, 0.3853



94.5931, 0.3268, 0.3451



42.1858, 0.3618, 0.3064



20.0659, 0.3292, 0.3478



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.



61.2431, 0.3645, 0.3853



79.6863, 0.3775, 0.3980



68.5755, 0.3473, 0.4079



15.3495, 0.3274, 0.3458



24.3719, 0.4787, 0.4581



1.8378, 0.4675, 0.4670

Inverse Universe

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



42.5432, 0.2617, 0.2654



50.2858, 0.2492, 0.2485



37.2762, 0.2705, 0.2426



13.8625, 0.2981, 0.3116



5.3351, 0.1599, 0.0955



0.5183, 0.1683, 0.1258

Previews

White Background



This preview shows how the Yxy color 61.2403, 0.3645, 0.3853 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 61.2403, 0.3645, 0.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

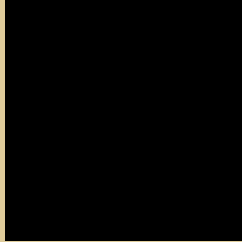
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2403, 0.3645, 0.3853

Background



This preview shows how black text looks on a background with the Yxy color 61.2403, 0.3645, 0.3853.



This preview shows how white text looks on a background with the Yxy color 61.2403, 0.3645, 0.3853.

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

61.2403, 0.3645, 0.3853

Protanopia

61.2448, 0.3617, 0.3868

Deuteranopia

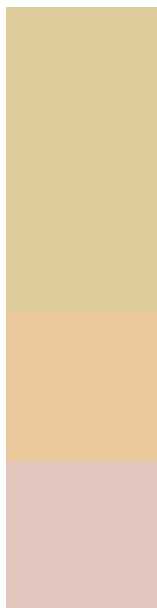
61.0336, 0.3813, 0.3739



Tritanopia

61.0563, 0.3278, 0.3115

Trichromacy



Original Color

61.2403, 0.3645, 0.3853

Protanomaly

61.4014, 0.3625, 0.3867

Deuteranomaly

61.2013, 0.3743, 0.3781

Tritanomaly

60.9393, 0.3412, 0.3381

Monochromacy



Original Color

61.2403, 0.3645, 0.3853

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.5798, 0.3313, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2403, 0.3645, 0.3853 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, 204, 155)` looks like.

```
.text, #text, p{  
    color:rgb(223, 204, 155)  
}
```

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, 204, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 204, 155) }
```

Border

The CSS property to change the border of an element to Yxy 61.2403, 0.3645, 0.3853 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, 204, 155) }
```

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

```
.border{ border-color:rgb(223, 204, 155) }
```

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

Here you see how a box with a 4 pixel rgb(223, 204, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 204, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 204, 155);  
box-shadow:4px 4px 4px 4px rgb(223, 204,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2403, 0.3645, 0.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 204, 155) }
```

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

```
.background{ background-color: rgb(223,  
204, 155) }
```

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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