

Converting Colors

$Yxy(61.8366, 0.3573, 0.3773)$

Have a look what the booklet for
Yxy(61.8366, 0.3573, 0.3773)
contains.

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Color

Yxy(61.8366, 0.3573, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	DECDA3
RGB	222, 205, 163
RGB Percent	87%, 80%, 64%
CMY	0.1295, 0.1960, 0.3608
CMYK	0.00, 0.08, 0.27, 0.13
HSL	43°, 47%, 75%
HSV	43°, 27%, 87%
XYZ	58.5588, 61.8366, 43.4970
YIQ	205.2950, 23.6140, -9.4580

Conversions

Conversions Part 2

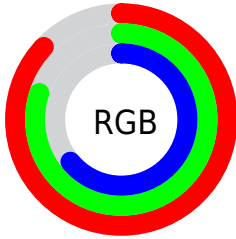
Format	Color
RYB	187, 222, 163
Decimal	14601635
CIELab	82.83, -0.52, 23.09
CIELCh	83, 23.098, 91.291
Yxy	61.8366, 0.3573, 0.3773
Android (android.graphics.Color)	4292791715 (0xFFDECD A3)
YUV	205.2950, -20.8514, 14.6503
Hunter-Lab	78.6363, -4.6883, 22.2496

Details

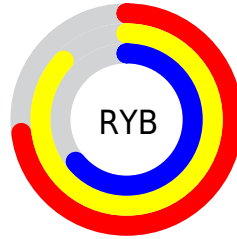
The Yxy color **61.8366, 0.3573, 0.3773** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.6800, 0.2689, 0.2755**, and the grayscale version is **61.3711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **31.3879, 0.3681, 0.3895** is the 20% darker color. If you saturate the color by 10%, you get **58.1213, 0.3764, 0.3959**, and if you desaturate by 10%, it is **65.8217, 0.3394, 0.3586**.

Distribution



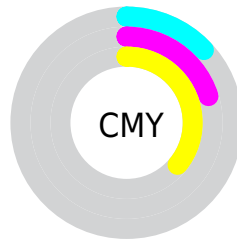
- Red (87%)
- Green (80%)
- Blue (64%)



- Red (73%)
- Yellow (87%)
- Blue (64%)



- Cyan (0%)
- Magenta (8%)
- Yellow (27%)
- Black (13%)




- Cyan (13%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8366, 0.3573, 0.3773 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 61.8366, 0.3573, 0.3773 by changing the saturation by 10% instead.

 61.8366, 0.3573,
0.3773

 61.8366, 0.3573,
0.3773


431.3348, 0.3362,
0.3544

 44.9007, 0.3622,
0.3826


 107.4893, 0.3499,
0.3693

 31.3792, 0.3683,
0.3893

 136.9749, 0.3470,
0.3662

 20.8878, 0.3760,
0.3977


171.4126, 0.3446,
0.3635

 13.0420, 0.3862,
0.4088

211.1866, 0.3425,
0.3612

 7.4575, 0.3998,
0.4238

256.6815, 0.3406,
0.3592

 3.7498, 0.4189,
0.4449

308.2815, 0.3390,

 1.5346, 0.4842,

0.3574

366.3712, 0.3375,
0.3558

0.5158

0.3129, 0.4764,
0.5236

0.0000, 0.0000,
0.0000

61.8366, 0.3573,
0.3773

61.8366, 0.3573,
0.3773

58.1213, 0.3764,
0.3959

65.8217, 0.3394,
0.3586

54.6585, 0.3961,
0.4138

70.0763, 0.3228,
0.3405

51.4417, 0.4159,
0.4298

74.6111, 0.3077,
0.3232

48.4605, 0.4349,
0.4430

79.4333, 0.2941,
0.3070

■ 45.7034, 0.4522,
0.4522

■ 83.2665, 0.2924,
0.3104

■ 43.1571, 0.4669,
0.4567

■ 87.0257, 0.2925,
0.3170

■ 40.8053, 0.4784,
0.4563

■ 90.9176, 0.2927,
0.3236

■ 40.0338, 0.4820,
0.4555

■ 94.2646, 0.2929,
0.3289

Harmonies

Analogous

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



61.8366, 0.3704, 0.3608



61.8366, 0.3573, 0.3773



61.8366, 0.3323, 0.3810

Triad

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



61.8366, 0.3573, 0.3773



61.8366, 0.2609, 0.3165



61.8366, 0.3206, 0.2934

Complementary

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



61.8366, 0.3573, 0.3773



45.6800, 0.2689, 0.2755

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.



61.8366, 0.2913, 0.2820



61.8366, 0.3573, 0.3773



61.8366, 0.2580, 0.2938

Square

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



61.8366, 0.3573, 0.3773



61.8366, 0.2770, 0.3445



61.8366, 0.2689, 0.2818



61.8366, 0.3488, 0.3132

Rectangle

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



61.8366, 0.3573, 0.3773



61.8366, 0.3127, 0.3746



61.8366, 0.2689, 0.2818



61.8366, 0.3105, 0.2885

Sweetspot

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



61.8394, 0.3573, 0.3773



95.0705, 0.3252, 0.3431



45.0411, 0.3527, 0.3083



20.1565, 0.3276, 0.3459



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.



61.8394, 0.3573, 0.3773



81.7493, 0.3680, 0.3879



68.5972, 0.3436, 0.3972



15.3290, 0.3274, 0.3456



23.9859, 0.4809, 0.4564



1.8135, 0.4692, 0.4657

Inverse Universe

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



45.6800, 0.2689, 0.2755



56.0172, 0.2586, 0.2620



40.5551, 0.2760, 0.2550



13.8819, 0.2981, 0.3118



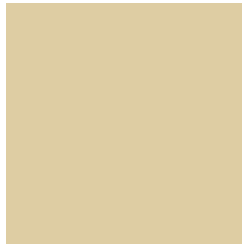
5.4635, 0.1604, 0.0974



0.5293, 0.1689, 0.1279

Previews

White Background



This preview shows how the Yxy color 61.8366, 0.3573, 0.3773 looks on a white background.

Color Contrast Check

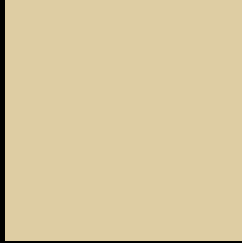
Large Text (above 18pt) WCAG AA × Fail

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 61.8366, 0.3573, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

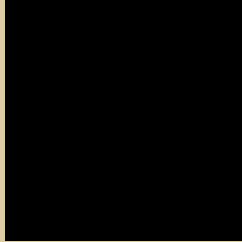
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

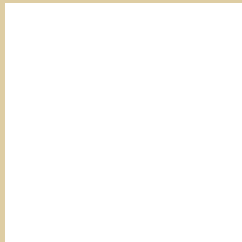
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8366, 0.3573, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 61.8366, 0.3573, 0.3773.



This preview shows how white text looks on a background with the Yxy color 61.8366, 0.3573, 0.3773.

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

61.8366, 0.3573, 0.3773

Protanopia

61.8470, 0.3546, 0.3788

Deuteranopia

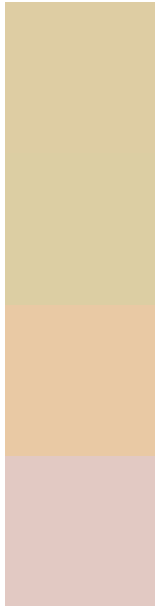
61.5938, 0.3737, 0.3664



Tritanopia

61.7372, 0.3245, 0.3115

Trichromacy



Original Color

61.8366, 0.3573, 0.3773

Protanomaly

62.0026, 0.3554, 0.3786

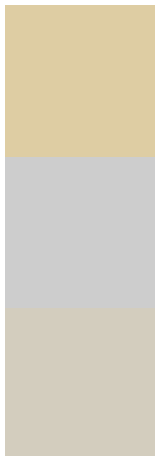
Deuteranomaly

61.7773, 0.3669, 0.3704

Tritanomaly

61.8822, 0.3370, 0.3358

Monochromacy



Original Color

61.8366, 0.3573, 0.3773

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2292, 0.3282, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8366, 0.3573, 0.3773 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(222, 205, 163)` looks like.

```
.text, #text, p{  
    color:rgb(222, 205, 163)  
}
```

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(222, 205, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 205, 163) }
```

Border

The CSS property to change the border of an element to Yxy 61.8366, 0.3573, 0.3773 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(222, 205, 163) }
```

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

```
.border{ border-color:rgb(222, 205, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 205, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 205, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 205, 163);  
box-shadow:4px 4px 4px 4px rgb(222, 205,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8366, 0.3573, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 205, 163) }
```

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

```
.background{ background-color: rgb(222,  
205, 163) }
```

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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