

Converting Colors

$Yxy(64.0682, 0.3465, 0.3679)$

Have a look what the booklet for
Yxy(64.0682, 0.3465, 0.3679)
contains.

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Color

Yxy(64.0682, 0.3465, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	DDD1AF
RGB	221, 209, 175
RGB Percent	87%, 82%, 69%
CMY	0.1336, 0.1803, 0.3138
CMYK	0.00, 0.05, 0.21, 0.13
HSL	44°, 40%, 78%
HSV	44°, 21%, 87%
XYZ	60.3415, 64.0682, 49.7360
YIQ	208.7120, 18.0660, -8.0300

Conversions

Conversions Part 2

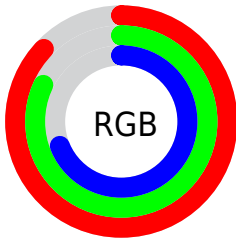
Format	Color
RYB	191, 221, 175
Decimal	14537135
CIELab	84.00, -1.31, 18.39
CIELCh	84, 18.434, 94.074
Yxy	64.0682, 0.3465, 0.3679
Android (android.graphics.Color)	4292727215 (0xFFDDD1AF)
YUV	208.7120, -16.6200, 10.7766
Hunter-Lab	80.0426, -5.5093, 19.1889

Details

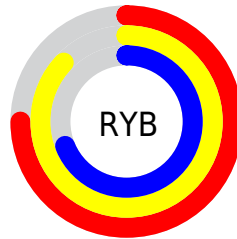
The Yxy color **64.0682, 0.3465, 0.3679** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.8263, 0.2790, 0.2868**, and the grayscale version is **63.6606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **32.9548, 0.3556, 0.3785** is the 20% darker color. If you saturate the color by 10%, you get **60.5127, 0.3646, 0.3873**, and if you desaturate by 10%, it is **67.8725, 0.3295, 0.3488**.

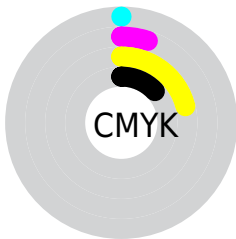
Distribution



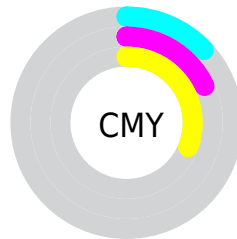
- Red (87%)
- Green (82%)
- Blue (69%)



- Red (75%)
- Yellow (87%)
- Blue (69%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (13%)





- Cyan (13%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0682, 0.3465, 0.3679 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 64.0682, 0.3465, 0.3679 by changing the saturation by 10% instead.


 64.0682, 0.3465,
0.3679

 64.0682, 0.3465,
0.3679

439.4359, 0.3306,
0.3495

 46.7059, 0.3502,
0.3722


 110.7091, 0.3409,
0.3614

 32.8032, 0.3548,
0.3776


140.7566, 0.3388,
0.3589

 21.9758, 0.3606,
0.3844


175.8012, 0.3369,
0.3568

 13.8391, 0.3683,
0.3935

216.2274, 0.3353,
0.3549

 8.0088, 0.3788,
0.4059

262.4196, 0.3339,
0.3533

 4.1006, 0.3939,
0.4240

314.7621, 0.3327,

 1.7300, 0.4279,

0.3519

0.4642

373.6394, 0.3316,
0.3506

0.4430, 0.4676,
0.5324

0.0000, 0.0000,
0.0000

64.0682, 0.3465,
0.3679

64.0682, 0.3465,
0.3679

60.5127, 0.3646,
0.3873

67.8725, 0.3295,
0.3488

57.1894, 0.3835,
0.4063

71.9245, 0.3139,
0.3304

54.0926, 0.4026,
0.4240

76.2339, 0.2997,
0.3131

51.2132, 0.4212,
0.4395

80.2573, 0.2916,
0.3052

■ 48.5407, 0.4385,
0.4516

■ 83.5327, 0.2918,
0.3112

■ 46.0638, 0.4536,
0.4594

■ 86.9141, 0.2919,
0.3171

■ 43.7686, 0.4659,
0.4623

■ 90.4024, 0.2921,
0.3230

■ 41.7963, 0.4747,
0.4613

■ 93.9986, 0.2923,
0.3288

■ 94.1022, 0.2923,
0.3289

Harmonies

Analogous

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



64.0682, 0.3577, 0.3560



64.0682, 0.3465, 0.3679



64.0682, 0.3263, 0.3693

Triad

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



64.0682, 0.3465, 0.3679



64.0682, 0.2708, 0.3175



64.0682, 0.3213, 0.3018

Complementary

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



64.0682, 0.3465, 0.3679



49.8263, 0.2790, 0.2868

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.



64.0682, 0.2979, 0.2920



64.0682, 0.3465, 0.3679



64.0682, 0.2695, 0.3001

Square

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



64.0682, 0.3465, 0.3679



64.0682, 0.2829, 0.3392



64.0682, 0.2792, 0.2911



64.0682, 0.3429, 0.3183

Rectangle

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



64.0682, 0.3465, 0.3679



64.0682, 0.3108, 0.3634



64.0682, 0.2792, 0.2911



64.0682, 0.3133, 0.2977

Sweetspot

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



64.0711, 0.3465, 0.3679



96.5494, 0.3219, 0.3400



49.6153, 0.3434, 0.3148



20.5868, 0.3230, 0.3412



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.



64.0711, 0.3465, 0.3679



86.4598, 0.3543, 0.3764



68.5072, 0.3358, 0.3820



14.6628, 0.3273, 0.3462



24.4879, 0.4737, 0.4621



1.7228, 0.4629, 0.4707

Inverse Universe

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



49.8263, 0.2790, 0.2868



63.3299, 0.2712, 0.2766



46.2747, 0.2863, 0.2729



13.1631, 0.2981, 0.3112



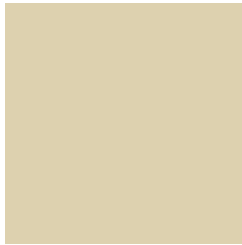
4.9050, 0.1587, 0.0914



0.4569, 0.1676, 0.1232

Previews

White Background



This preview shows how the Yxy color 64.0682, 0.3465, 0.3679 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 64.0682, 0.3465, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

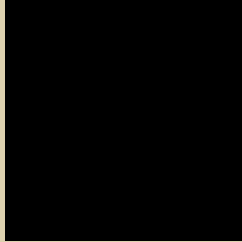
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

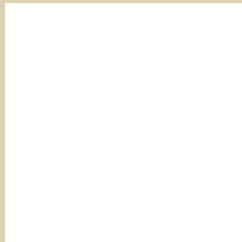
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0682, 0.3465, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 64.0682, 0.3465, 0.3679.



This preview shows how white text looks on a background with the Yxy color 64.0682, 0.3465, 0.3679.

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

64.0682, 0.3465, 0.3679

Protanopia

64.0682, 0.3465, 0.3679

Deuteranopia

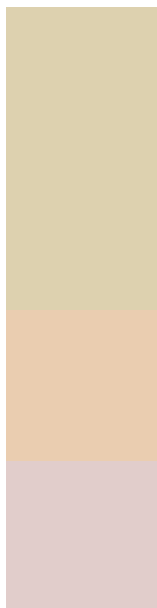
64.0764, 0.3638, 0.3573



Tritanopia

64.1572, 0.3197, 0.3116

Trichromacy



Original Color

64.0682, 0.3465, 0.3679

Protanomaly

64.0682, 0.3465, 0.3679

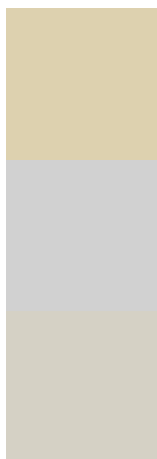
Deuteranomaly

64.2897, 0.3573, 0.3611

Tritanomaly

63.9820, 0.3296, 0.3313

Monochromacy



Original Color

64.0682, 0.3465, 0.3679

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.7783, 0.3242, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0682, 0.3465, 0.3679 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(221, 209, 175)` looks like.

```
.text, #text, p{  
    color:rgb(221, 209, 175)  
}
```

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(221, 209, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 209, 175) }
```

Border

The CSS property to change the border of an element to Yxy 64.0682, 0.3465, 0.3679 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(221, 209, 175) }
```

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

```
.border{ border-color:rgb(221, 209, 175) }
```

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

Here you see how a box with a 4 pixel rgb(221, 209, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 209, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 209, 175);  
box-shadow:4px 4px 4px 4px rgb(221, 209,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0682, 0.3465, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 209, 175) }
```

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

```
.background{ background-color: rgb(221,  
209, 175) }
```

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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