

Converting Colors

$Yxy(64.8253, 0.3505, 0.3770)$

Have a look what the booklet for
Yxy(64.8253, 0.3505, 0.3770)
contains.

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Color

Yxy(64.8253, 0.3505, 0.3770)

Conversions

Conversions Part 1

Format	Color
Hex	DDD3A9
RGB	221, 211, 169
RGB Percent	87%, 83%, 66%
CMY	0.1334, 0.1725, 0.3374
CMYK	0.00, 0.05, 0.24, 0.13
HSL	48°, 43%, 76%
HSV	48°, 24%, 87%
XYZ	60.2686, 64.8253, 46.8565
YIQ	209.2020, 19.4420, -10.9420

Conversions

Conversions Part 2

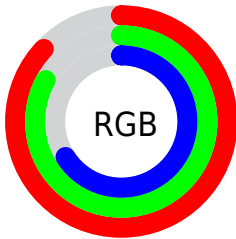
Format	Color
RYB	181, 221, 169
Decimal	14537641
CIELab	84.39, -3.17, 22.10
CIELCh	84, 22.323, 98.174
Yxy	64.8253, 0.3505, 0.3770
Android (android.graphics.Color)	4292727721 (0xFFDDD3A9)
YUV	209.2020, -19.8196, 10.3468
Hunter-Lab	80.5142, -7.2842, 21.8552

Details

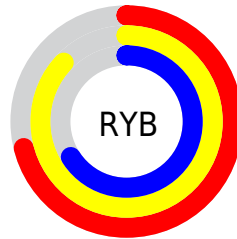
The Yxy color **64.8253, 0.3505, 0.3770** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.8683, 0.2738, 0.2759**, and the grayscale version is **64.0206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **33.3976, 0.3586, 0.3891** is the 20% darker color. If you saturate the color by 10%, you get **61.9897, 0.3679, 0.3978**, and if you desaturate by 10%, it is **67.8625, 0.3338, 0.3562**.

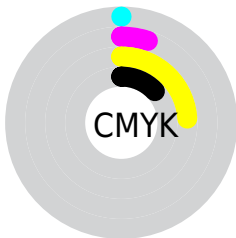
Distribution



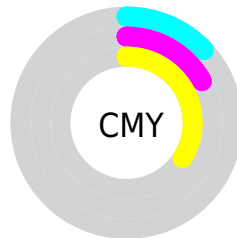
- Red (87%)
- Green (83%)
- Blue (66%)



- Red (71%)
- Yellow (87%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8253, 0.3505, 0.3770 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 64.8253, 0.3505, 0.3770 by changing the saturation by 10% instead.

■ 64.8253, 0.3505,
0.3770

■ 64.8253, 0.3505,
0.3770

442.1639, 0.3328,
0.3542

■ 47.3194, 0.3546,
0.3823

■ 111.7987, 0.3443,
0.3690

■ 33.2883, 0.3596,
0.3889

142.0349, 0.3419,
0.3659

■ 22.3474, 0.3659,
0.3973

177.2835, 0.3399,
0.3633

■ 14.1124, 0.3742,
0.4084

217.9287, 0.3381,
0.3610

■ 8.1989, 0.3852,
0.4236

264.3549, 0.3365,
0.3590

■ 4.2225, 0.4005,
0.4452

316.9466, 0.3351,

■ 1.7988, 0.4440,

0.3572

0.5028

376.0881, 0.3339,
0.3557

0.4864, 0.4417,
0.5583

0.0000, 0.0000,
0.0000

64.8253, 0.3505,
0.3770

64.8253, 0.3505,
0.3770

61.9897, 0.3679,
0.3978

67.8625, 0.3338,
0.3562

59.3395, 0.3856,
0.4179

71.0994, 0.3180,
0.3359

56.8695, 0.4029,
0.4363

74.5457, 0.3034,
0.3167

54.5708, 0.4190,
0.4520

78.0542, 0.2915,
0.3010

■ 52.4335, 0.4333,
0.4640

■ 80.4133, 0.2916,
0.3054

■ 50.4463, 0.4450,
0.4715

■ 82.8300, 0.2917,
0.3099

■ 48.5954, 0.4538,
0.4744

■ 85.3046, 0.2919,
0.3143

■ 47.4576, 0.4583,
0.4743

■ 87.8374, 0.2920,
0.3187

■ 90.4290, 0.2921,
0.3230

Harmonies

Analogous

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



64.8253, 0.3660, 0.3638



64.8253, 0.3505, 0.3770



64.8253, 0.3251, 0.3770

Triad

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



64.8253, 0.3505, 0.3770



64.8253, 0.2615, 0.3115



64.8253, 0.3268, 0.2988

Complementary

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



64.8253, 0.3505, 0.3770



45.8683, 0.2738, 0.2759

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.



64.8253, 0.2985, 0.2858



64.8253, 0.3505, 0.3770



64.8253, 0.2618, 0.2919

Square

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



64.8253, 0.3505, 0.3770



64.8253, 0.2742, 0.3376



64.8253, 0.2750, 0.2831



64.8253, 0.3522, 0.3191

Rectangle

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



64.8253, 0.3505, 0.3770



64.8253, 0.3063, 0.3687



64.8253, 0.2750, 0.2831



64.8253, 0.3172, 0.2935

Sweetspot

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



64.8282, 0.3505, 0.3770



96.7392, 0.3234, 0.3430



47.0043, 0.3517, 0.3169



20.6474, 0.3244, 0.3442



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.



64.8282, 0.3505, 0.3770



87.7992, 0.3586, 0.3868



67.6017, 0.3362, 0.3899



14.8174, 0.3272, 0.3478



27.7320, 0.4576, 0.4749



1.9079, 0.4502, 0.4807

Inverse Universe

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



45.8683, 0.2738, 0.2759



57.4246, 0.2651, 0.2636



43.8459, 0.2851, 0.2652



13.0192, 0.2981, 0.3095



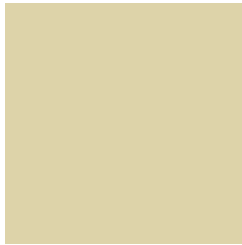
4.1339, 0.1553, 0.0789



0.3875, 0.1633, 0.1079

Previews

White Background



This preview shows how the Yxy color 64.8253, 0.3505, 0.3770 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 64.8253, 0.3505, 0.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

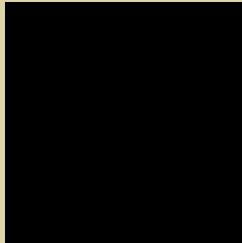
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.8253, 0.3505, 0.3770

Background



This preview shows how black text looks on a background with the Yxy color 64.8253, 0.3505, 0.3770.



This preview shows how white text looks on a background with the Yxy color 64.8253, 0.3505, 0.3770.

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

64.8253, 0.3505, 0.3770

Protanopia

64.8051, 0.3531, 0.3755

Deuteranopia

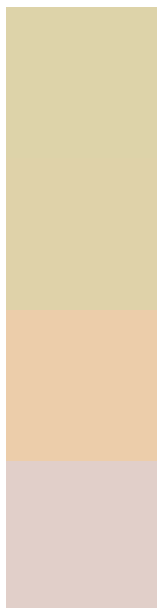
64.5938, 0.3710, 0.3624



Tritanopia

64.6839, 0.3189, 0.3116

Trichromacy



Original Color

64.8253, 0.3505, 0.3770

Protanomaly

64.6457, 0.3523, 0.3756

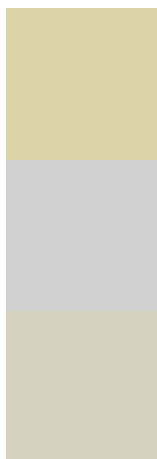
Deuteranomaly

64.3978, 0.3635, 0.3676

Tritanomaly

64.8502, 0.3308, 0.3357

Monochromacy



Original Color

64.8253, 0.3505, 0.3770

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.1344, 0.3262, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8253, 0.3505, 0.3770 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, 211, 169)` looks like.

```
.text, #text, p{  
    color:rgb(221, 211, 169)  
}
```

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, 211, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 211, 169) }
```

Border

The CSS property to change the border of an element to Yxy 64.8253, 0.3505, 0.3770 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, 211, 169) }
```

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

```
.border{ border-color:rgb(221, 211, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 211, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 211, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 211, 169);  
box-shadow:4px 4px 4px 4px rgb(221, 211,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8253, 0.3505, 0.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 211, 169) }
```

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

```
.background{ background-color: rgb(221,  
211, 169) }
```

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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