

Converting Colors

Yxy(64.2926, 0.3413, 0.3637)

Have a look what the booklet for
Yxy(64.2926, 0.3413, 0.3637)
contains.

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Color

Yxy(64.4485, 0.3411, 0.3633)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DBD2B4 |
| RGB | 219, 210, 180 |
| RGB Percent | 86%, 82%, 71% |
| CMY | 0.1410, 0.1765, 0.2941 |
| CMYK | 0.00, 0.04, 0.18, 0.14 |
| HSL | 46°, 35%, 78% |
| HSV | 46°, 18%, 86% |
| XYZ | 60.5103, 64.4485, 52.4387 |
| YIQ | 209.2710, 14.9940, -7.4220 |

Conversions

Conversions Part 2

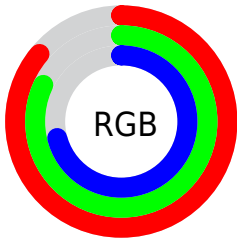
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 192, 219, 180 |
| Decimal | 14406324 |
| CIELab | 84.20, -1.76, 15.99 |
| CIElCh | 84, 16.084, 96.284 |
| Yxy | 64.4485, 0.3411, 0.3633 |
| Android (android.graphics.Color) | 4292596404 (0xFFDDBD2B4) |
| YUV | 209.2710, -14.4306, 8.5323 |
| Hunter-Lab | 80.2798, -5.9467, 17.4677 |

Details

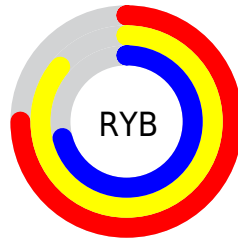
The Yxy color **64.4485, 0.3411, 0.3633** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.2508, 0.2841, 0.2922**, and the grayscale version is **64.0414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **33.2018, 0.3483, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **61.1570, 0.3586, 0.3833**, and if you desaturate by 10%, it is **67.9666, 0.3247, 0.3437**.

Distribution



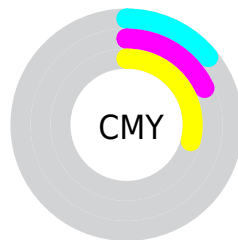
- Red (86%)
- Green (82%)
- Blue (71%)



- Red (75%)
- Yellow (86%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (14%)





- Cyan (14%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.4485, 0.3411, 0.3633 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 64.4485, 0.3411, 0.3633 by changing the saturation by 10% instead.

 64.4485, 0.3411,
0.3633

 64.4485, 0.3411,
0.3633


440.8075, 0.3277,
0.3470

 47.0140, 0.3442,
0.3671

 111.2566, 0.3364,
0.3576

 33.0467, 0.3481,
0.3719


141.3990, 0.3346,
0.3554

 22.1623, 0.3530,
0.3780


176.5462, 0.3331,
0.3535

 13.9762, 0.3595,
0.3860

217.0825, 0.3317,
0.3519

 8.1041, 0.3684,
0.3972

263.3924, 0.3305,
0.3504

 4.1616, 0.3813,
0.4136

315.8603, 0.3295,

 1.7644, 0.4057,

0.3492

0.4446

374.8705, 0.3286,
0.3480

0.4648, 0.4618,
0.5382

0.0000, 0.0000,
0.0000

64.4485, 0.3411,
0.3633

64.4485, 0.3411,
0.3633

61.1570, 0.3586,
0.3833

67.9666, 0.3247,
0.3437

58.0762, 0.3768,
0.4030

71.7096, 0.3095,
0.3250

55.2011, 0.3953,
0.4218

75.6868, 0.2957,
0.3074

52.5230, 0.4134,
0.4385

79.0637, 0.2903,
0.3034

■ 50.0327, 0.4302,
0.4521

■ 81.9405, 0.2905,
0.3087

■ 47.7194, 0.4450,
0.4617

■ 84.9007, 0.2907,
0.3141

■ 45.5709, 0.4570,
0.4666

■ 87.9447, 0.2909,
0.3193

■ 43.5703, 0.4661,
0.4669

■ 91.0734, 0.2910,
0.3245

■ 43.1480, 0.4679,
0.4666

■ 93.8077, 0.2912,
0.3289

Harmonies

Analogous

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



64.4485, 0.3515, 0.3537



64.4485, 0.3411, 0.3633



64.4485, 0.3232, 0.3636

Triad

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



64.4485, 0.3411, 0.3633



64.4485, 0.2757, 0.3178



64.4485, 0.3217, 0.3061

Complementary

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



64.4485, 0.3411, 0.3633



51.2508, 0.2841, 0.2922

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.



64.4485, 0.3013, 0.2970



64.4485, 0.3411, 0.3633



64.4485, 0.2753, 0.3030

Square

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



64.4485, 0.3411, 0.3633



64.4485, 0.2857, 0.3366



64.4485, 0.2845, 0.2957



64.4485, 0.3402, 0.3209

Rectangle

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



64.4485, 0.3411, 0.3633



64.4485, 0.3096, 0.3580



64.4485, 0.2845, 0.2957



64.4485, 0.3149, 0.3023

Sweetspot

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



64.4514, 0.3411, 0.3633



97.3321, 0.3203, 0.3384



51.3965, 0.3392, 0.3184



20.7542, 0.3214, 0.3398



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.



64.4514, 0.3411, 0.3633



89.3423, 0.3469, 0.3700



67.4876, 0.3315, 0.3742



14.7247, 0.3272, 0.3468



25.7461, 0.4671, 0.4673



1.7951, 0.4577, 0.4748

Inverse Universe

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



51.2508, 0.2841, 0.2922



67.7325, 0.2782, 0.2844



48.7684, 0.2916, 0.2818



13.1053, 0.2981, 0.3105



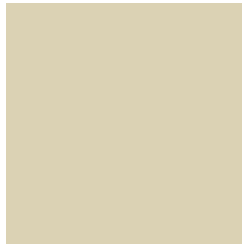
4.5671, 0.1572, 0.0860



0.4280, 0.1658, 0.1169

Previews

White Background



This preview shows how the Yxy color 64.4485, 0.3411, 0.3633 looks on a white background.

Color Contrast Check

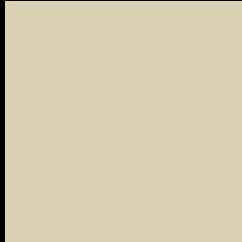
Large Text (above 18pt) WCAG AA × Fail

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 64.4485, 0.3411, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

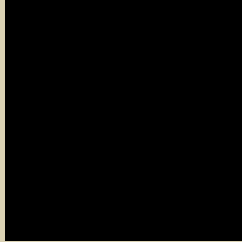
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

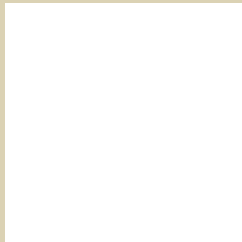
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4485, 0.3411, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 64.4485, 0.3411, 0.3633.

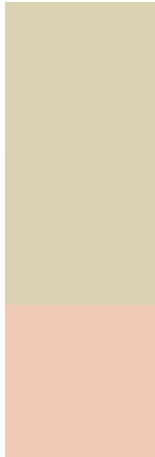


This preview shows how white text looks on a background with the Yxy color 64.4485, 0.3411, 0.3633.

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

64.4485, 0.3411, 0.3633

Protanopia

64.2684, 0.3429, 0.3621

Deuteranopia

64.1437, 0.3583, 0.3508



Tritanopia

64.2003, 0.3166, 0.3115

Trichromacy



Original Color

64.4485, 0.3411, 0.3633

Protanomaly

64.1119, 0.3421, 0.3622

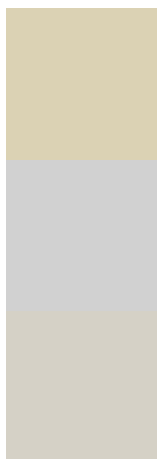
Deuteranomaly

64.1546, 0.3518, 0.3557

Tritanomaly

64.0800, 0.3257, 0.3302

Monochromacy



Original Color

64.4485, 0.3411, 0.3633

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8243, 0.3235, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4485, 0.3411, 0.3633 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(219, 210, 180)` looks like.

```
.text, #text, p{  
    color:rgb(219, 210, 180)  
}
```

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(219, 210, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 180) }
```

Border

The CSS property to change the border of an element to Yxy 64.4485, 0.3411, 0.3633 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(219, 210, 180) }
```

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

```
.border{ border-color:rgb(219, 210, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 210, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 210, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 210, 180);  
box-shadow:4px 4px 4px 4px rgb(219, 210,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4485, 0.3411, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 210, 180) }
```

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

```
.background{ background-color: rgb(219,  
210, 180) }
```

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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