

Converting Colors

Yxy(64.8960, 0.3317, 0.3481)

Have a look what the booklet for
Yxy(64.8960, 0.3317, 0.3481)
contains.

Yxy(65.0035, 0.3316, 0.3483)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.0035, 0.3316, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	DBD2C1
RGB	219, 210, 193
RGB Percent	86%, 82%, 76%
CMY	0.1412, 0.1765, 0.2431
CMYK	0.00, 0.04, 0.12, 0.14
HSL	39°, 27%, 81%
HSV	39°, 12%, 86%
XYZ	61.8868, 65.0035, 59.7405
YIQ	210.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

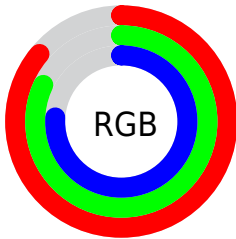
Format	Color
R _Y B	207, 219, 193
Decimal	14406337
CIE Lab	84.49, 0.24, 9.52
CIE LCh	84, 9.522, 88.554
Yxy	65.0035, 0.3316, 0.3483
Android (android.graphics.Color)	4292596417 (0xFFDBD2C1)
YUV	210.7530, -8.7522, 7.2326
Hunter-Lab	80.6247, -4.0785, 12.5052

Details

The Yxy color **65.0035, 0.3316, 0.3483** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6974, 0.2942, 0.3089**, and the grayscale version is **65.0255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **33.5335, 0.3367, 0.3544** is the 20% darker color. If you saturate the color by 10%, you get **60.4445, 0.3493, 0.3654**, and if you desaturate by 10%, it is **69.8904, 0.3155, 0.3320**.

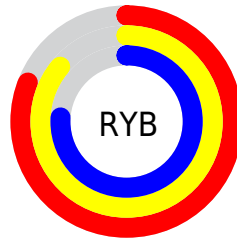
Distribution



Red (86%)

Green (82%)

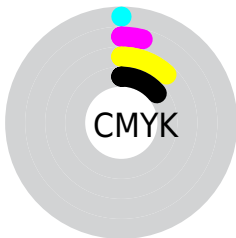
Blue (76%)



Red (81%)

Yellow (86%)

Blue (76%)

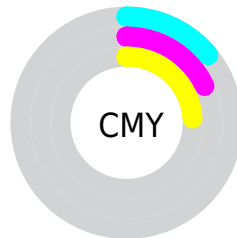


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (14%)



Cyan (14%)


Magenta (18%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0035, 0.3316, 0.3483 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 65.0035, 0.3316, 0.3483 by changing the saturation by 10% instead.


 65.0035, 0.3316,
0.3483

 65.0035, 0.3316,
0.3483

442.8045, 0.3227,
0.3392

 47.4639, 0.3337,
0.3504


 112.0549, 0.3285,
0.3451

 33.4025, 0.3363,
0.3531


142.3355, 0.3273,
0.3439

 22.4350, 0.3396,
0.3565


177.6319, 0.3262,
0.3428

 14.1769, 0.3441,
0.3610

218.3285, 0.3253,
0.3419

 8.2438, 0.3502,
0.3673

264.8096, 0.3245,
0.3411

 4.2513, 0.3594,
0.3765

317.4598, 0.3238,

 1.8151, 0.3743,

0.3404

0.3916

376.6633, 0.3232,
0.3398

0.4966, 0.4904,
0.5096

0.0000, 0.0000,
0.0000

65.0035, 0.3316,
0.3483

65.0035, 0.3316,
0.3483

60.4445, 0.3493,
0.3654

69.8904, 0.3155,
0.3320

56.1960, 0.3687,
0.3827

75.1048, 0.3011,
0.3166

52.2516, 0.3893,
0.3997

80.4164, 0.2904,
0.3059

48.6013, 0.4107,
0.4155

84.7957, 0.2907,
0.3139

■ 45.2345, 0.4322,
0.4291

■ 89.3616, 0.2909,
0.3217

■ 42.1394, 0.4529,
0.4393

■ 93.8006, 0.2911,
0.3289

■ 39.3029, 0.4715,
0.4450

■ 36.7097, 0.4871,
0.4457

■ 34.7617, 0.4978,
0.4430

Harmonies

Analogous

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



65.0035, 0.3361, 0.3417



65.0035, 0.3316, 0.3483



65.0035, 0.3220, 0.3497

Triad

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



65.0035, 0.3316, 0.3483



65.0035, 0.2917, 0.3254



65.0035, 0.3150, 0.3135

Complementary

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



65.0035, 0.3316, 0.3483



58.6974, 0.2942, 0.3089

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.



65.0035, 0.3032, 0.3091



65.0035, 0.3316, 0.3483



65.0035, 0.2899, 0.3157

Square

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



65.0035, 0.3316, 0.3483



65.0035, 0.2990, 0.3363



65.0035, 0.2940, 0.3099



65.0035, 0.3264, 0.3218

Rectangle

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



65.0035, 0.3316, 0.3483



65.0035, 0.3141, 0.3474



65.0035, 0.2940, 0.3099



65.0035, 0.3110, 0.3115

Sweetspot

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



65.0064, 0.3316, 0.3483



97.1280, 0.3189, 0.3354



57.4730, 0.3269, 0.3187



20.6756, 0.3201, 0.3366



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.



65.0064, 0.3316, 0.3483



90.2768, 0.3354, 0.3521



68.9784, 0.3274, 0.3584



14.4654, 0.3275, 0.3442



20.8231, 0.4963, 0.4441



1.5076, 0.4806, 0.4566

Inverse Universe

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



58.6974, 0.2942, 0.3089



79.8481, 0.2905, 0.3048



55.1155, 0.2970, 0.2983



13.3507, 0.2981, 0.3133



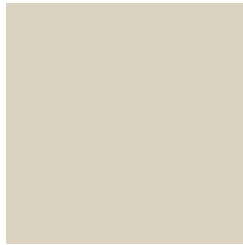
6.2674, 0.1645, 0.1121



0.5638, 0.1736, 0.1451

Previews

White Background



This preview shows how the Yxy color 65.0035, 0.3316, 0.3483 looks on a white background.

Color Contrast Check

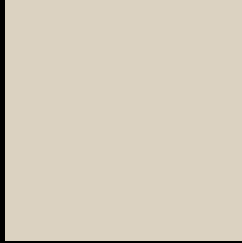
Large Text (above 18pt) WCAG AA × Fail

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 65.0035, 0.3316, 0.3483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

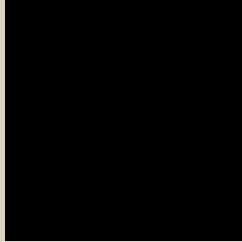
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

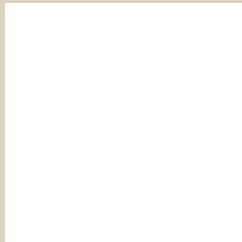
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0035, 0.3316, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 65.0035, 0.3316, 0.3483.

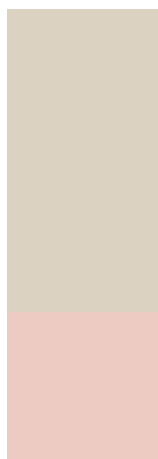


This preview shows how white text looks on a background with the Yxy color 65.0035, 0.3316, 0.3483.

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

65.0035, 0.3316, 0.3483

Protanopia

65.0035, 0.3316, 0.3483

Deuteranopia

64.6114, 0.3463, 0.3389



Tritanopia

65.1045, 0.3143, 0.3115

Trichromacy



Original Color

65.0035, 0.3316, 0.3483

Protanomaly

65.0035, 0.3316, 0.3483

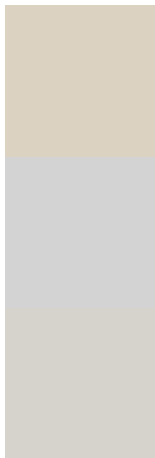
Deuteranomaly

64.8606, 0.3401, 0.3423

Tritanomaly

64.8584, 0.3213, 0.3246

Monochromacy



Original Color

65.0035, 0.3316, 0.3483

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.2443, 0.3198, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0035, 0.3316, 0.3483 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(219, 210, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 193) }
```

Border

The CSS property to change the border of an element to Yxy 65.0035, 0.3316, 0.3483 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, 193) }
```

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

```
.border{ border-color:rgb(219, 210, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 210, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 210, 193);  
box-shadow:4px 4px 4px 4px rgb(219, 210,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0035, 0.3316, 0.3483 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, 193) }
```

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

```
.background{ background-color: rgb(219,  
210, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor