

Converting Colors

Yxy(64.8051, 0.3301, 0.3599)

Have a look what the booklet for
Yxy(64.8051, 0.3301, 0.3599)
contains.

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Color

Yxy(64.9826, 0.3300, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	D3D5BA
RGB	211, 213, 186
RGB Percent	83%, 84%, 73%
CMY	0.1726, 0.1647, 0.2706
CMYK	0.01, 0.00, 0.13, 0.16
HSL	64°, 24%, 78%
HSV	64°, 13%, 84%
XYZ	59.5178, 64.9826, 55.8565
YIQ	209.3240, 7.4750, -8.8210

Conversions

Conversions Part 2

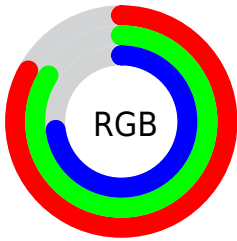
Format	Color
RYB	186, 213, 188
Decimal	13882810
CIELab	84.47, -5.32, 13.13
CIELCh	84, 14.164, 112.040
Yxy	64.9826, 0.3300, 0.3603
Android (android.graphics.Color)	4292072890 (0xFFD3D5BA)
YUV	209.3240, -11.4987, 1.4699
Hunter-Lab	80.6118, -9.2794, 15.3457

Details

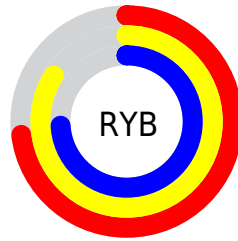
The Yxy color **64.9826, 0.3300, 0.3603** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.6138, 0.2942, 0.2960**, and the grayscale version is **64.0562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **33.2151, 0.3338, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **63.9117, 0.3439, 0.3858**, and if you desaturate by 10%, it is **66.1966, 0.3163, 0.3355**.

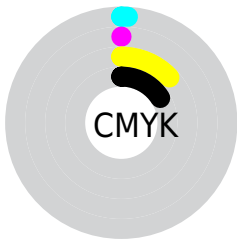
Distribution



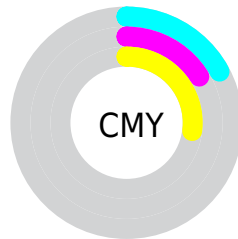
- Red (83%)
- Green (84%)
- Blue (73%)



- Red (73%)
- Yellow (84%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)





- Cyan (17%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9826, 0.3300, 0.3603 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 64.9826, 0.3300, 0.3603 by changing the saturation by 10% instead.


 64.9826, 0.3300,
0.3603

 64.9826, 0.3300,
0.3603


442.7294, 0.3219,
0.3454

 47.4470, 0.3319,
0.3638


 112.0248, 0.3272,
0.3550

 33.3891, 0.3342,
0.3683


142.3002, 0.3261,
0.3530

 22.4247, 0.3371,
0.3740


177.5910, 0.3252,
0.3513

 14.1693, 0.3409,
0.3816

218.2816, 0.3243,
0.3498

 8.2385, 0.3462,
0.3923

264.7563, 0.3236,
0.3485

 4.2479, 0.3537,
0.4084

317.3996, 0.3230,

 1.8132, 0.3658,

0.3473

0.4356

376.5958, 0.3224,
0.3463

0.4954, 0.4078,
0.5922

0.0000, 0.0000,
0.0000

64.9826, 0.3300,
0.3603

64.9826, 0.3300,
0.3603

63.9117, 0.3439,
0.3858

66.1966, 0.3163,
0.3355

62.9693, 0.3575,
0.4112

67.5508, 0.3031,
0.3118

62.1519, 0.3704,
0.4357

69.0532, 0.2907,
0.2897

61.4527, 0.3819,
0.4583

69.6212, 0.2886,
0.2847

■ 60.8638, 0.3916,
0.4780

■ 69.8673, 0.2897,
0.2849

■ 60.3768, 0.3989,
0.4939

■ 70.1157, 0.2908,
0.2850

■ 59.9818, 0.4036,
0.5054

■ 70.3665, 0.2918,
0.2851

■ 59.6670, 0.4058,
0.5126

■ 70.6197, 0.2929,
0.2853

■ 59.4726, 0.4062,
0.5157

■ 70.8753, 0.2940,
0.2854

Harmonies

Analogous

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



64.9826, 0.3430, 0.3560



64.9826, 0.3300, 0.3603



64.9826, 0.3126, 0.3557

Triad

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



64.9826, 0.3300, 0.3603



64.9826, 0.2788, 0.3118



64.9826, 0.3297, 0.3153

Complementary

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



64.9826, 0.3300, 0.3603



50.6138, 0.2942, 0.2960

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.



64.9826, 0.3121, 0.3042



64.9826, 0.3300, 0.3603



64.9826, 0.2830, 0.3018

Square

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



64.9826, 0.3300, 0.3603



64.9826, 0.2833, 0.3269



64.9826, 0.2950, 0.2993



64.9826, 0.3430, 0.3299

Rectangle

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



64.9826, 0.3300, 0.3603



64.9826, 0.3009, 0.3481



64.9826, 0.2950, 0.2993



64.9826, 0.3241, 0.3110

Sweetspot

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



64.9854, 0.3300, 0.3603



99.2158, 0.3181, 0.3388



53.5718, 0.3354, 0.3312



21.2055, 0.3192, 0.3407



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.



64.9854, 0.3300, 0.3603



97.2378, 0.3334, 0.3666



63.1036, 0.3199, 0.3613



14.4705, 0.3255, 0.3521



36.3445, 0.4064, 0.5155



2.2065, 0.4087, 0.5137

Inverse Universe

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



50.6138, 0.2942, 0.2960



71.8723, 0.2902, 0.2889



52.3798, 0.3047, 0.2970



12.0527, 0.2993, 0.3050



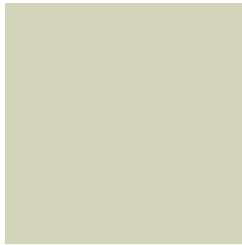
3.0185, 0.1526, 0.0614



0.1979, 0.1603, 0.0657

Previews

White Background



This preview shows how the Yxy color 64.9826, 0.3300, 0.3603 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 64.9826, 0.3300, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

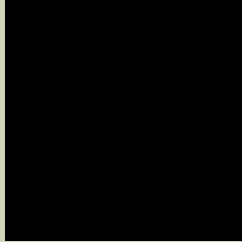
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

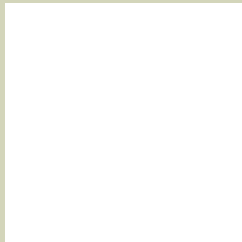
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9826, 0.3300, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 64.9826, 0.3300, 0.3603.



This preview shows how white text looks on a background with the Yxy color 64.9826, 0.3300, 0.3603.

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

64.9826, 0.3300, 0.3603

Protanopia

64.9260, 0.3397, 0.3585

Deuteranopia

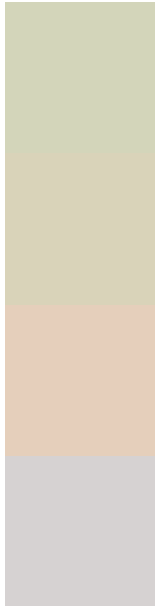
64.6934, 0.3525, 0.3454



Tritanopia

65.0925, 0.3076, 0.3113

Trichromacy



Original Color

64.9826, 0.3300, 0.3603

Protanomaly

64.8430, 0.3357, 0.3588

Deuteranomaly

64.8715, 0.3444, 0.3513

Tritanomaly

65.0425, 0.3157, 0.3290

Monochromacy



Original Color

64.9826, 0.3300, 0.3603

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.0119, 0.3190, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9826, 0.3300, 0.3603 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(211, 213, 186)` looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 186)  
}
```

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(211, 213, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 186) }
```

Border

The CSS property to change the border of an element to Yxy 64.9826, 0.3300, 0.3603 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(211, 213, 186) }
```

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

```
.border{ border-color:rgb(211, 213, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 213, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 213, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 213, 186); box-shadow:4px 4px 4px 4px rgb(211, 213, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9826, 0.3300, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 213, 186) }
```

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

```
.background{ background-color: rgb(211,  
213, 186) }
```

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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