

Converting Colors

$Yxy(64.6385, 0.3369, 0.3712)$

Have a look what the booklet for
Yxy(64.6385, 0.3369, 0.3712)
contains.

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Color

Yxy(64.6117, 0.3364, 0.3709)

Conversions

Conversions Part 1

Format	Color
Hex	D3D5B1
RGB	211, 213, 177
RGB Percent	83%, 84%, 69%
CMY	0.1724, 0.1647, 0.3058
CMYK	0.01, 0.00, 0.17, 0.16
HSL	63°, 30%, 76%
HSV	63°, 17%, 84%
XYZ	58.6017, 64.6117, 50.9891
YIQ	208.2980, 10.3640, -11.6200

Conversions

Conversions Part 2

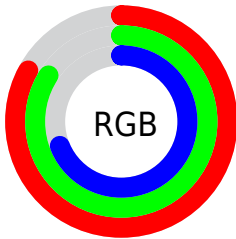
Format	Color
RYB	177, 213, 179
Decimal	13882801
CIELab	84.28, -6.70, 17.59
CIElCh	84, 18.822, 110.838
Yxy	64.6117, 0.3364, 0.3709
Android (android.graphics.Color)	4292072881 (0xFFD3D5B1)
YUV	208.2980, -15.4299, 2.3697
Hunter-Lab	80.3814, -10.5328, 18.6570

Details

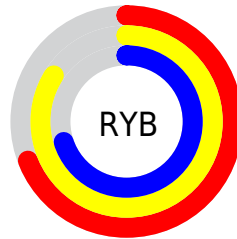
The Yxy color **64.6117, 0.3364, 0.3709** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.8400, 0.2868, 0.2838**, and the grayscale version is **63.3819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **32.9769, 0.3422, 0.3816** is the 20% darker color. If you saturate the color by 10%, you get **63.6588, 0.3506, 0.3963**, and if you desaturate by 10%, it is **65.7041, 0.3222, 0.3458**.

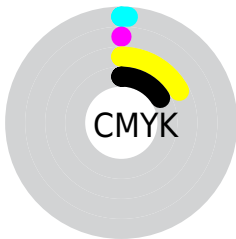
Distribution



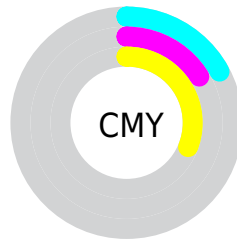
- Red (83%)
- Green (84%)
- Blue (69%)



- Red (69%)
- Yellow (84%)
- Blue (70%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)





- Cyan (17%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.6117, 0.3364, 0.3709 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 64.6117, 0.3364, 0.3709 by changing the saturation by 10% instead.


 64.6117, 0.3364,
0.3709

 64.6117, 0.3364,
0.3709


441.3953, 0.3254,
0.3508

 47.1463, 0.3389,
0.3756


 111.4914, 0.3326,
0.3638

 33.1513, 0.3420,
0.3816


141.6745, 0.3311,
0.3611

 22.2424, 0.3460,
0.3893


176.8656, 0.3298,
0.3588

 14.0351, 0.3511,
0.3995

217.4492, 0.3287,
0.3568

 8.1451, 0.3580,
0.4138

263.8095, 0.3277,
0.3550

 4.1879, 0.3676,
0.4352

316.3310, 0.3268,

 1.7792, 0.3887,

0.3534

0.4789

375.3982, 0.3261,
0.3521

0.4742, 0.3772,
0.6228

0.0000, 0.0000,
0.0000

64.6117, 0.3364,
0.3709

64.6117, 0.3364,
0.3709

63.6588, 0.3506,
0.3963

65.7041, 0.3222,
0.3458

62.8308, 0.3643,
0.4213

66.9332, 0.3085,
0.3216

62.1238, 0.3771,
0.4448

68.3072, 0.2954,
0.2988

61.5307, 0.3882,
0.4659

69.3574, 0.2875,
0.2846

■ 61.0435, 0.3973,
0.4837

■ 69.5351, 0.2883,
0.2847

■ 60.6531, 0.4039,
0.4973

■ 69.7140, 0.2890,
0.2848

■ 60.3489, 0.4079,
0.5066

■ 69.8942, 0.2898,
0.2849

■ 60.1172, 0.4095,
0.5117

■ 70.0757, 0.2906,
0.2850

■ 60.0522, 0.4097,
0.5129

■ 70.2584, 0.2914,
0.2851

Harmonies

Analogous

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



64.6117, 0.3536, 0.3644



64.6117, 0.3364, 0.3709



64.6117, 0.3133, 0.3654

Triad

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



64.6117, 0.3364, 0.3709



64.6117, 0.2679, 0.3065



64.6117, 0.3344, 0.3101

Complementary

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



64.6117, 0.3364, 0.3709



45.8400, 0.2868, 0.2838

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.



64.6117, 0.3107, 0.2959



64.6117, 0.3364, 0.3709



64.6117, 0.2730, 0.2933

Square

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



64.6117, 0.3364, 0.3709



64.6117, 0.2743, 0.3269



64.6117, 0.2884, 0.2897



64.6117, 0.3526, 0.3291

Rectangle

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



64.6117, 0.3364, 0.3709



64.6117, 0.2978, 0.3553



64.6117, 0.2884, 0.2897



64.6117, 0.3268, 0.3047

Sweetspot

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



64.6146, 0.3364, 0.3709



99.0739, 0.3197, 0.3413



49.4897, 0.3445, 0.3313



21.1790, 0.3207, 0.3430



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.



64.6146, 0.3364, 0.3709



96.6146, 0.3411, 0.3793



62.1266, 0.3227, 0.3728



14.4838, 0.3258, 0.3521



36.6992, 0.4099, 0.5128



2.2243, 0.4116, 0.5114

Inverse Universe

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



45.8400, 0.2868, 0.2838



63.6407, 0.2810, 0.2738



48.1019, 0.3012, 0.2857



12.0408, 0.2990, 0.3049



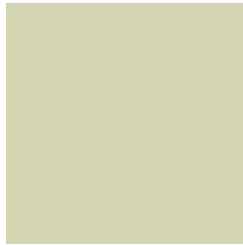
2.9948, 0.1518, 0.0610



0.1923, 0.1576, 0.0642

Previews

White Background



This preview shows how the Yxy color 64.6117, 0.3364, 0.3709 looks on a white background.

Color Contrast Check

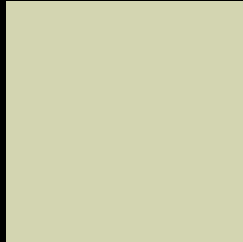
Large Text (above 18pt) WCAG AA × Fail

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 64.6117, 0.3364, 0.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

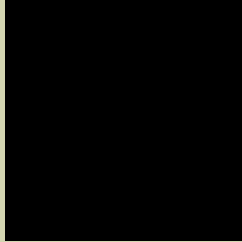
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

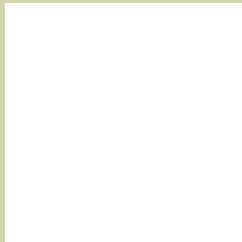
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6117, 0.3364, 0.3709

Background



This preview shows how black text looks on a background with the Yxy color 64.6117, 0.3364, 0.3709.



This preview shows how white text looks on a background with the Yxy color 64.6117, 0.3364, 0.3709.

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

64.6117, 0.3364, 0.3709

Protanopia

64.7179, 0.3471, 0.3688

Deuteranopia

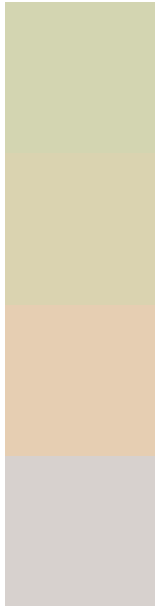
64.1965, 0.3614, 0.3541



Tritanopia

64.7051, 0.3091, 0.3113

Trichromacy



Original Color

64.6117, 0.3364, 0.3709

Protanomaly

64.6285, 0.3430, 0.3692

Deuteranomaly

64.1800, 0.3522, 0.3603

Tritanomaly

64.5042, 0.3193, 0.3324

Monochromacy



Original Color

64.6117, 0.3364, 0.3709

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.6797, 0.3210, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6117, 0.3364, 0.3709 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 177) }
```

Border

The CSS property to change the border of an element to Yxy 64.6117, 0.3364, 0.3709 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, 177) }
```

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

```
.border{ border-color:rgb(211, 213, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 213, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 213, 177);  
box-shadow:4px 4px 4px 4px rgb(211, 213,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6117, 0.3364, 0.3709 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, 177) }
```

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

```
.background{ background-color: rgb(211,  
213, 177) }
```

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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