

Converting Colors

Yxy(64.2963, 0.3266, 0.3444)

Have a look what the booklet for
Yxy(64.2963, 0.3266, 0.3444)
contains.

Yxy(64.0335, 0.3265, 0.3439)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.0335, 0.3265, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	D7D1C4
RGB	215, 209, 196
RGB Percent	84%, 82%, 77%
CMY	0.1567, 0.1804, 0.2314
CMYK	0.00, 0.03, 0.09, 0.16
HSL	41°, 19%, 81%
HSV	41°, 9%, 84%
XYZ	60.7937, 64.0335, 61.3709
YIQ	209.3120, 7.7490, -2.7710

Conversions

Conversions Part 2

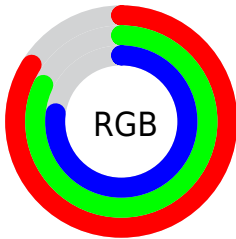
Format	Color
RYB	205, 215, 196
Decimal	14143940
CIELab	83.98, -0.16, 7.18
CIELCh	84, 7.179, 91.287
Yxy	64.0335, 0.3265, 0.3439
Android (android.graphics.Color)	4292334020 (0xFFD7D1C4)
YUV	209.3120, -6.5628, 4.9884
Hunter-Lab	80.0209, -4.4263, 10.5431

Details

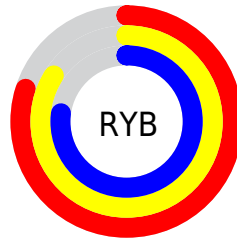
The Yxy color **64.0335, 0.3265, 0.3439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8919, 0.2991, 0.3136**, and the grayscale version is **64.0181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **32.8693, 0.3299, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **59.8547, 0.3435, 0.3615**, and if you desaturate by 10%, it is **68.5012, 0.3110, 0.3271**.

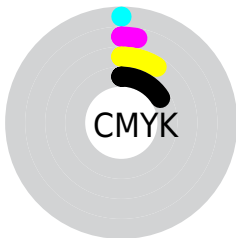
Distribution



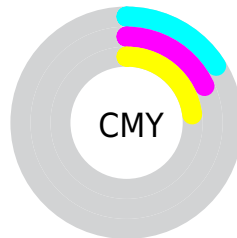
- Red (84%)
- Green (82%)
- Blue (77%)



- Red (80%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0335, 0.3265, 0.3439 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 64.0335, 0.3265, 0.3439 by changing the saturation by 10% instead.

■ 64.0335, 0.3265,
0.3439

■ 64.0335, 0.3265,
0.3439

439.3106, 0.3200,
0.3368

■ 46.6778, 0.3280,
0.3456

110.6592, 0.3242,
0.3414

■ 32.7810, 0.3299,
0.3476

140.6980, 0.3233,
0.3405

■ 21.9587, 0.3324,
0.3503

175.7332, 0.3226,
0.3396

■ 13.8266, 0.3357,
0.3538

216.1494, 0.3219,
0.3389

■ 8.0002, 0.3403,
0.3588

262.3308, 0.3213,
0.3383

■ 4.0950, 0.3471,
0.3662

314.6619, 0.3208,

■ 1.7269, 0.3584,

0.3378

373.5270, 0.3204,
0.3373

0.3785

0.4410, 0.4849,
0.5151

0.0000, 0.0000,
0.0000

64.0335, 0.3265,
0.3439

64.0335, 0.3265,
0.3439

59.8547, 0.3435,
0.3615

68.5012, 0.3110,
0.3271

55.9487, 0.3620,
0.3795

73.2566, 0.2971,
0.3114

52.3101, 0.3818,
0.3973

77.9506, 0.2878,
0.3022

48.9302, 0.4023,
0.4142

81.8042, 0.2881,
0.3095

■ 45.7996, 0.4229,
0.4291

■ 85.8075, 0.2884,
0.3166

■ 42.9081, 0.4427,
0.4410

■ 89.9620, 0.2887,
0.3237

■ 40.2441, 0.4607,
0.4488

■ 93.1917, 0.2889,
0.3289

■ 37.7945, 0.4760,
0.4516

■ 35.5395, 0.4883,
0.4497

Harmonies

Analogous

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



64.0335, 0.3303, 0.3393



64.0335, 0.3265, 0.3439



64.0335, 0.3190, 0.3445

Triad

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



64.0335, 0.3265, 0.3439



64.0335, 0.2964, 0.3256



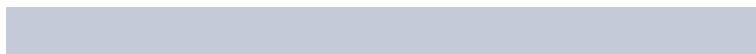
64.0335, 0.3153, 0.3176

Complementary

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



64.0335, 0.3265, 0.3439



58.8919, 0.2991, 0.3136

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.



64.0335, 0.3063, 0.3140



64.0335, 0.3265, 0.3439



64.0335, 0.2955, 0.3184

Square

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



64.0335, 0.3265, 0.3439



64.0335, 0.3017, 0.3338



64.0335, 0.2990, 0.3143



64.0335, 0.3238, 0.3242

Rectangle

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



64.0335, 0.3265, 0.3439



64.0335, 0.3130, 0.3425



64.0335, 0.2990, 0.3143



64.0335, 0.3123, 0.3160

Sweetspot

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



64.0363, 0.3265, 0.3439



97.9805, 0.3173, 0.3340



58.2054, 0.3232, 0.3217



20.8577, 0.3185, 0.3354



0.0000, 0.0000, 0.0000



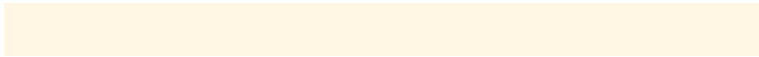
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0363, 0.3265, 0.3439



92.7842, 0.3302, 0.3478



66.5771, 0.3234, 0.3508



13.8255, 0.3274, 0.3449



21.2998, 0.4883, 0.4505



1.4305, 0.4736, 0.4622

Inverse Universe

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



58.8919, 0.2991, 0.3136



83.4393, 0.2955, 0.3095



56.5455, 0.3015, 0.3066



12.6444, 0.2982, 0.3126



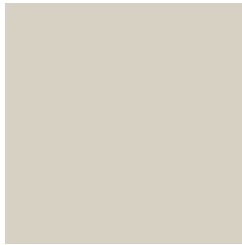
5.5845, 0.1624, 0.1047



0.4839, 0.1722, 0.1398

Previews

White Background



This preview shows how the Yxy color 64.0335, 0.3265, 0.3439 looks on a white background.

Color Contrast Check

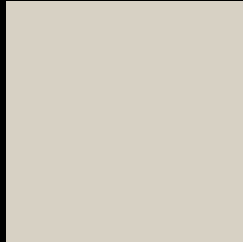
Large Text (above 18pt) WCAG AA × Fail

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 64.0335, 0.3265, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

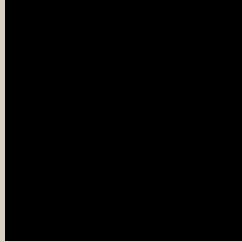
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

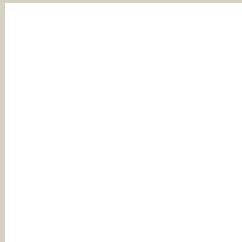
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0335, 0.3265, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 64.0335, 0.3265, 0.3439.

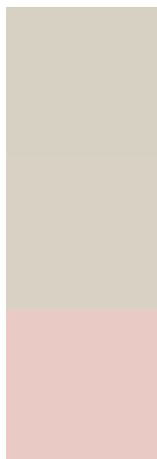


This preview shows how white text looks on a background with the Yxy color 64.0335, 0.3265, 0.3439.

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

64.0335, 0.3265, 0.3439

Protanopia

64.1854, 0.3272, 0.3439

Deuteranopia

63.7647, 0.3417, 0.3346



Tritanopia

63.9432, 0.3120, 0.3113

Trichromacy



Original Color

64.0335, 0.3265, 0.3439

Protanomaly

64.1854, 0.3272, 0.3439

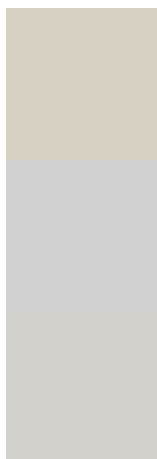
Deuteranomaly

64.0248, 0.3357, 0.3380

Tritanomaly

63.8015, 0.3176, 0.3223

Monochromacy



Original Color

64.0335, 0.3265, 0.3439

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8094, 0.3177, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0335, 0.3265, 0.3439 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(215, 209, 196) looks like.

```
.text, #text, p{  
    color:rgb(215, 209, 196)  
}
```

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(215, 209, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 209, 196) }
```

Border

The CSS property to change the border of an element to Yxy 64.0335, 0.3265, 0.3439 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(215, 209, 196) }
```

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

```
.border{ border-color:rgb(215, 209, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 209, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 209, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 209, 196);  
box-shadow:4px 4px 4px 4px rgb(215, 209,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0335, 0.3265, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 209, 196) }
```

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

```
.background{ background-color: rgb(215,  
209, 196) }
```

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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