

Converting Colors

Yxy(64.1465, 0.3316, 0.3520)

Have a look what the booklet for
Yxy(64.1465, 0.3316, 0.3520)
contains.

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Color

Yxy(64.4098, 0.3314, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	D8D2BE
RGB	216, 210, 190
RGB Percent	85%, 82%, 75%
CMY	0.1530, 0.1764, 0.2548
CMYK	0.00, 0.03, 0.12, 0.15
HSL	46°, 25%, 80%
HSV	46°, 12%, 85%
XYZ	60.6576, 64.4098, 57.9670
YIQ	209.5140, 9.9960, -4.9480

Conversions

Conversions Part 2

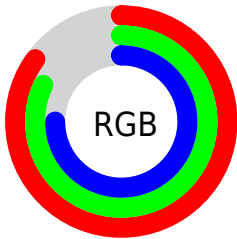
Format	Color
RYB	198, 216, 190
Decimal	14209726
CIELab	84.18, -1.33, 10.63
CIElCh	84, 10.709, 97.109
Yxy	64.4098, 0.3314, 0.3519
Android (android.graphics.Color)	4292399806 (0xFFD8D2BE)
YUV	209.5140, -9.6204, 5.6882
Hunter-Lab	80.2557, -5.5365, 13.3551

Details

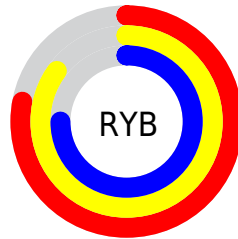
The Yxy color **64.4098, 0.3314, 0.3519** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3880, 0.2939, 0.3050**, and the grayscale version is **64.1740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **33.1601, 0.3355, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **61.1210, 0.3483, 0.3717**, and if you desaturate by 10%, it is **67.9205, 0.3157, 0.3327**.

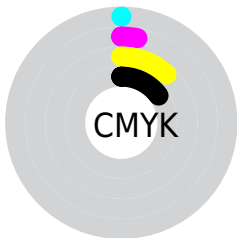
Distribution



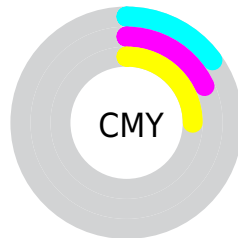
- Red (85%)
- Green (82%)
- Blue (75%)



- Red (78%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.4098, 0.3314, 0.3519 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 64.4098, 0.3314, 0.3519 by changing the saturation by 10% instead.

■ 64.4098, 0.3314,
0.3519

■ 64.4098, 0.3314,
0.3519

440.6680, 0.3226,
0.3410

■ 46.9827, 0.3335,
0.3545

■ 111.2009, 0.3283,
0.3481

■ 33.0220, 0.3360,
0.3576

141.3337, 0.3271,
0.3466

■ 22.1433, 0.3393,
0.3617

176.4704, 0.3261,
0.3453

■ 13.9622, 0.3437,
0.3672

216.9956, 0.3252,
0.3443

■ 8.0944, 0.3497,
0.3748

263.2935, 0.3244,
0.3433

■ 4.1554, 0.3587,
0.3862

315.7486, 0.3237,

■ 1.7609, 0.3731,

0.3425

0.4048

374.7453, 0.3231,
0.3417

0.4626, 0.4682,
0.5318

0.0000, 0.0000,
0.0000

64.4098, 0.3314,
0.3519

64.4098, 0.3314,
0.3519

61.1210, 0.3483,
0.3717

67.9205, 0.3157,
0.3327

58.0386, 0.3661,
0.3917

71.6509, 0.3013,
0.3146

55.1584, 0.3844,
0.4112

75.6100, 0.2883,
0.2976

52.4724, 0.4028,
0.4293

78.3460, 0.2884,
0.3028

■ 49.9720, 0.4203,
0.4448

■ 81.1496, 0.2886,
0.3080

■ 47.6478, 0.4363,
0.4569

■ 84.0326, 0.2888,
0.3133

■ 45.4889, 0.4499,
0.4646

■ 86.9957, 0.2890,
0.3184

■ 43.4826, 0.4606,
0.4676

■ 90.0396, 0.2892,
0.3236

■ 41.9731, 0.4674,
0.4671

■ 93.1648, 0.2894,
0.3287

Harmonies

Analogous

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



64.4098, 0.3384, 0.3459



64.4098, 0.3314, 0.3519



64.4098, 0.3195, 0.3517

Triad

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



64.4098, 0.3314, 0.3519



64.4098, 0.2878, 0.3215



64.4098, 0.3192, 0.3138

Complementary

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



64.4098, 0.3314, 0.3519



55.3880, 0.2939, 0.3050

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.



64.4098, 0.3056, 0.3075



64.4098, 0.3314, 0.3519



64.4098, 0.2877, 0.3116

Square

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



64.4098, 0.3314, 0.3519



64.4098, 0.2944, 0.3338



64.4098, 0.2941, 0.3066



64.4098, 0.3313, 0.3240

Rectangle

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



64.4098, 0.3314, 0.3519



64.4098, 0.3104, 0.3478



64.4098, 0.2941, 0.3066



64.4098, 0.3146, 0.3112

Sweetspot

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



64.4126, 0.3314, 0.3519



97.8722, 0.3188, 0.3365



55.4253, 0.3295, 0.3220



20.8643, 0.3200, 0.3380



0.0000, 0.0000, 0.0000



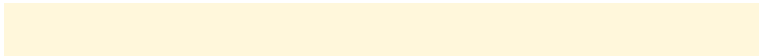
21.4041, 0.3127, 0.3290

Same Dimension

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



64.4126, 0.3314, 0.3519



92.7812, 0.3349, 0.3561



66.3843, 0.3253, 0.3590



14.0129, 0.3272, 0.3468



25.0195, 0.4665, 0.4678



1.6299, 0.4567, 0.4756

Inverse Universe

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



55.3880, 0.2939, 0.3050



77.5463, 0.2904, 0.3004



53.6604, 0.2991, 0.2982



12.4677, 0.2982, 0.3105



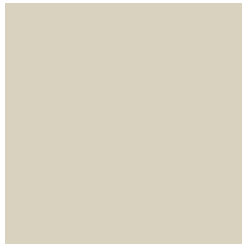
4.4059, 0.1572, 0.0858



0.3935, 0.1664, 0.1189

Previews

White Background



This preview shows how the Yxy color 64.4098, 0.3314, 0.3519 looks on a white background.

Color Contrast Check

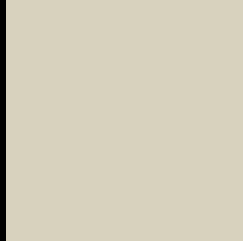
Large Text (above 18pt) WCAG AA × Fail

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 64.4098, 0.3314, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

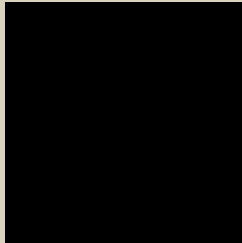
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

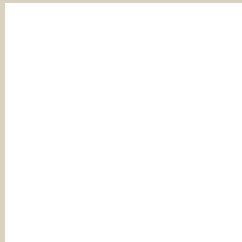
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4098, 0.3314, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 64.4098, 0.3314, 0.3519.

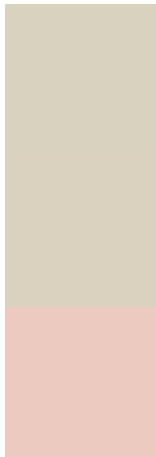


This preview shows how white text looks on a background with the Yxy color 64.4098, 0.3314, 0.3519.

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

64.4098, 0.3314, 0.3519

Protanopia

64.2241, 0.3331, 0.3507

Deuteranopia

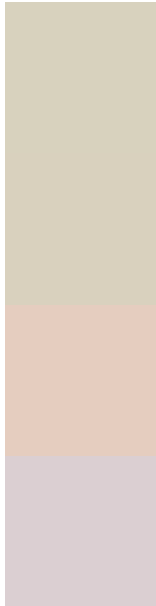
64.0514, 0.3480, 0.3400



Tritanopia

64.1522, 0.3121, 0.3103

Trichromacy



Original Color

64.4098, 0.3314, 0.3519

Protanomaly

64.0703, 0.3324, 0.3508

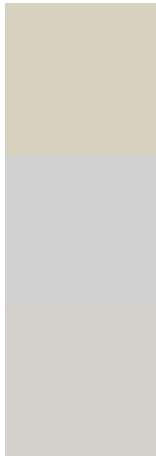
Deuteranomaly

64.0822, 0.3418, 0.3446

Tritanomaly

64.3389, 0.3197, 0.3257

Monochromacy



Original Color

64.4098, 0.3314, 0.3519

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.4020, 0.3191, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4098, 0.3314, 0.3519 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(216, 210, 190)` looks like.

```
.text, #text, p{  
    color:rgb(216, 210, 190)  
}
```

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(216, 210, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 210, 190) }
```

Border

The CSS property to change the border of an element to Yxy 64.4098, 0.3314, 0.3519 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(216, 210, 190) }
```

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

```
.border{ border-color:rgb(216, 210, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 210, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 210, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 210, 190);  
box-shadow:4px 4px 4px 4px rgb(216, 210,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4098, 0.3314, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 210, 190) }
```

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

```
.background{ background-color: rgb(216,  
210, 190) }
```

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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