

Converting Colors

Yxy(63.5375, 0.3329, 0.3516)

Have a look what the booklet for
Yxy(63.5375, 0.3329, 0.3516)
contains.

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Color

Yxy(63.3848, 0.3325, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	D8D0BD
RGB	216, 208, 189
RGB Percent	85%, 82%, 74%
CMY	0.1529, 0.1843, 0.2590
CMYK	0.00, 0.04, 0.13, 0.15
HSL	42°, 26%, 79%
HSV	42°, 13%, 85%
XYZ	60.0611, 63.3848, 57.1890
YIQ	208.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

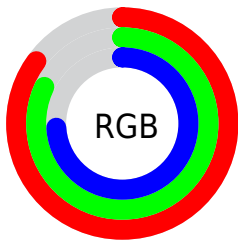
Format	Color
R_{YB}	200, 216, 189
Decimal	14209213
CIE Lab	83.64, -0.44, 10.43
CIE LCh	84, 10.443, 92.405
Yxy	63.3848, 0.3325, 0.3509
Android (android.graphics.Color)	4292399293 (0xFFD8D0BD)
YUV	208.2260, -9.4784, 6.8178
Hunter-Lab	79.6146, -4.6654, 13.1408

Details

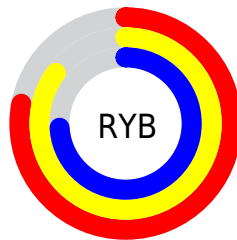
The Yxy color **63.3848, 0.3325, 0.3509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6957, 0.2931, 0.3061**, and the grayscale version is **63.2898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **32.4658, 0.3369, 0.3564** is the 20% darker color. If you saturate the color by 10%, you get **59.4595, 0.3499, 0.3692**, and if you desaturate by 10%, it is **67.5814, 0.3165, 0.3333**.

Distribution



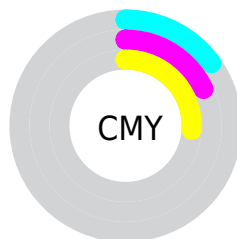
- Red (85%)
- Green (82%)
- Blue (74%)



- Red (78%)
- Yellow (85%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (15%)




- Cyan (15%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3848, 0.3325, 0.3509 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 63.3848, 0.3325, 0.3509 by changing the saturation by 10% instead.

 63.3848, 0.3325,
0.3509

 63.3848, 0.3325,
0.3509

436.9647, 0.3231,
0.3405

 46.1526, 0.3347,
0.3533


 109.7245, 0.3292,
0.3472

 32.3662, 0.3375,
0.3564


139.6007, 0.3279,
0.3458

 21.6414, 0.3410,
0.3603


174.4604, 0.3268,
0.3446

 13.5936, 0.3457,
0.3656

214.6880, 0.3259,
0.3436

 7.8386, 0.3522,
0.3729

260.6678, 0.3251,
0.3427

 3.9918, 0.3620,
0.3838

312.7842, 0.3243,

 1.6690, 0.3779,

0.3419

0.4018

371.4217, 0.3237,
0.3411

0.4035, 0.4802,
0.5198

0.0000, 0.0000,
0.0000

63.3848, 0.3325,
0.3509

63.3848, 0.3325,
0.3509

59.4595, 0.3499,
0.3692

67.5814, 0.3165,
0.3333

55.7895, 0.3687,
0.3877

72.0482, 0.3020,
0.3167

52.3695, 0.3883,
0.4057

76.7948, 0.2890,
0.3011

49.1908, 0.4084,
0.4224

80.4456, 0.2886,
0.3067

46.2440, 0.4281,
0.4367

84.1488, 0.2888,
0.3135

43.5185, 0.4466,
0.4476

87.9850, 0.2891,
0.3201

41.0028, 0.4628,
0.4539

91.9555, 0.2894,
0.3267

38.6828, 0.4760,
0.4553

93.3423, 0.2894,
0.3289

37.0606, 0.4842,
0.4537

Harmonies

Analogous

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



63.3848, 0.3384, 0.3442



63.3848, 0.3325, 0.3509



63.3848, 0.3214, 0.3517

Triad

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



63.3848, 0.3325, 0.3509



63.3848, 0.2889, 0.3234



63.3848, 0.3170, 0.3128

Complementary

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



63.3848, 0.3325, 0.3509



55.6957, 0.2931, 0.3061

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.



63.3848, 0.3037, 0.3074



63.3848, 0.3325, 0.3509



63.3848, 0.2877, 0.3132

Square

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



63.3848, 0.3325, 0.3509



63.3848, 0.2963, 0.3356



63.3848, 0.2931, 0.3074



63.3848, 0.3293, 0.3224

Rectangle

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



63.3848, 0.3325, 0.3509



63.3848, 0.3125, 0.3486



63.3848, 0.2931, 0.3074



63.3848, 0.3125, 0.3105

Sweetspot

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



63.3876, 0.3325, 0.3509



97.4469, 0.3188, 0.3359



55.0148, 0.3288, 0.3196



20.7564, 0.3200, 0.3372



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.



63.3876, 0.3325, 0.3509



90.7566, 0.3369, 0.3556



66.5868, 0.3272, 0.3602



13.8695, 0.3274, 0.3453



22.1270, 0.4830, 0.4547



1.4754, 0.4695, 0.4654

Inverse Universe

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



55.6957, 0.2931, 0.3061



77.4671, 0.2888, 0.3009



52.8554, 0.2971, 0.2966



12.6025, 0.2982, 0.3121



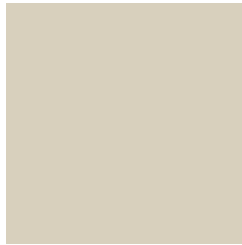
5.2700, 0.1611, 0.0998



0.4609, 0.1708, 0.1347

Previews

White Background



This preview shows how the Yxy color 63.3848, 0.3325, 0.3509 looks on a white background.

Color Contrast Check

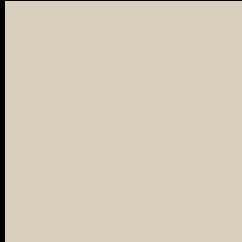
Large Text (above 18pt) WCAG AA × Fail

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 63.3848, 0.3325, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

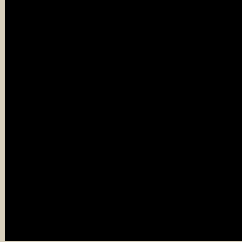
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

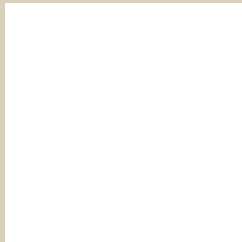
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3848, 0.3325, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 63.3848, 0.3325, 0.3509.

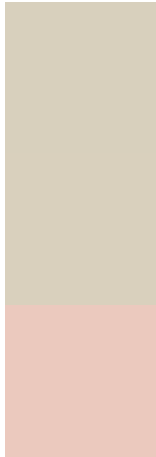


This preview shows how white text looks on a background with the Yxy color 63.3848, 0.3325, 0.3509.

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

63.3848, 0.3325, 0.3509

Protanopia

63.5376, 0.3332, 0.3508

Deuteranopia

63.1532, 0.3481, 0.3412



Tritanopia

63.5687, 0.3135, 0.3113

Trichromacy



Original Color

63.3848, 0.3325, 0.3509

Protanomaly

63.5376, 0.3332, 0.3508

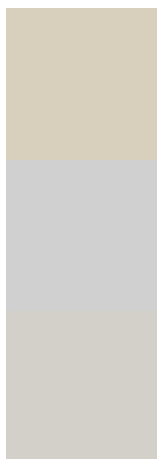
Deuteranomaly

63.3974, 0.3419, 0.3447

Tritanomaly

63.3262, 0.3206, 0.3245

Monochromacy



Original Color

63.3848, 0.3325, 0.3509

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.1777, 0.3199, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3848, 0.3325, 0.3509 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, 208, 189)` looks like.

```
.text, #text, p{  
    color:rgb(216, 208, 189)  
}
```

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, 208, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 208, 189) }
```

Border

The CSS property to change the border of an element to Yxy 63.3848, 0.3325, 0.3509 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, 208, 189) }
```

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

```
.border{ border-color:rgb(216, 208, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 208, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 208, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 208, 189); box-shadow:4px 4px 4px 4px rgb(216, 208, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3848, 0.3325, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 208, 189) }
```

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

```
.background{ background-color: rgb(216,  
208, 189) }
```

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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