

Converting Colors

Yxy(63.2086, 0.3422, 0.3563)

Have a look what the booklet for
Yxy(63.2086, 0.3422, 0.3563)
contains.

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Color

Yxy(63.0496, 0.3428, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	DECEB6
RGB	222, 206, 182
RGB Percent	87%, 81%, 71%
CMY	0.1293, 0.1922, 0.2864
CMYK	0.00, 0.07, 0.18, 0.13
HSL	36°, 38%, 79%
HSV	36°, 18%, 87%
XYZ	60.6437, 63.0496, 53.2136
YIQ	208.0480, 17.2400, -4.0720

Conversions

Conversions Part 2

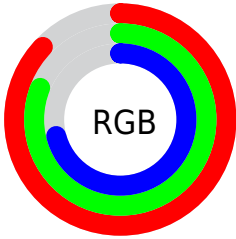
Format	Color
R _Y B	209, 222, 182
Decimal	14601910
CIE Lab	83.47, 1.70, 13.96
CIE LCh	83, 14.063, 83.045
Yxy	63.0496, 0.3428, 0.3564
Android (android.graphics.Color)	4292791990 (0xFFDECEB6)
YUV	208.0480, -12.8417, 12.2359
Hunter-Lab	79.4038, -2.6294, 15.8486

Details

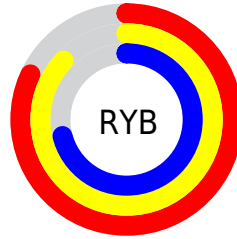
The Yxy color **63.0496, 0.3428, 0.3564** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6084, 0.2841, 0.3000**, and the grayscale version is **63.1884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **32.2569, 0.3508, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **58.0475, 0.3621, 0.3724**, and if you desaturate by 10%, it is **68.4449, 0.3254, 0.3409**.

Distribution



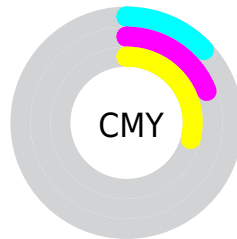
- Red (87%)
- Green (81%)
- Blue (71%)



- Red (82%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (13%)




- Cyan (13%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0496, 0.3428, 0.3564 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 63.0496, 0.3428, 0.3564 by changing the saturation by 10% instead.


 63.0496, 0.3428,
0.3564

 63.0496, 0.3428,
0.3564

435.7495, 0.3285,
0.3435

 45.8813, 0.3462,
0.3594

 109.2411, 0.3378,
0.3519

 32.1522, 0.3504,
0.3632


139.0331, 0.3358,
0.3501

 21.4778, 0.3558,
0.3680


173.8017, 0.3342,
0.3486

 13.4737, 0.3629,
0.3743

213.9315, 0.3327,
0.3473

 7.7555, 0.3729,
0.3831

259.8068, 0.3315,
0.3462

 3.9389, 0.3877,
0.3959

311.8119, 0.3304,

 1.6395, 0.4149,

0.3452

0.4194

370.3314, 0.3294,
0.3443

0.3840, 0.5143,
0.4857

0.0000, 0.0000,
0.0000

63.0496, 0.3428,
0.3564

63.0496, 0.3428,
0.3564

58.0475, 0.3621,
0.3724

68.4449, 0.3254,
0.3409

53.4192, 0.3833,
0.3884

74.2351, 0.3098,
0.3262

49.1562, 0.4059,
0.4036

80.4328, 0.2960,
0.3124

45.2462, 0.4293,
0.4170

85.9887, 0.2925,
0.3152

■ 41.6760, 0.4526,
0.4276

■ 91.3950, 0.2928,
0.3243

■ 38.4309, 0.4746,
0.4341

■ 94.2746, 0.2929,
0.3289

■ 35.4944, 0.4941,
0.4355

■ 32.8448, 0.5101,
0.4318

■ 32.3542, 0.5132,
0.4307

Harmonies

Analogous

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



63.0496, 0.3480, 0.3453



63.0496, 0.3428, 0.3564



63.0496, 0.3295, 0.3604

Triad

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



63.0496, 0.3428, 0.3564



63.0496, 0.2829, 0.3264



63.0496, 0.3127, 0.3044

Complementary

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



63.0496, 0.3428, 0.3564



55.6084, 0.2841, 0.3000

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.



63.0496, 0.2955, 0.2992



63.0496, 0.3428, 0.3564



63.0496, 0.2787, 0.3113

Square

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



63.0496, 0.3428, 0.3564



63.0496, 0.2950, 0.3428



63.0496, 0.2832, 0.3016



63.0496, 0.3303, 0.3157

Rectangle

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



63.0496, 0.3428, 0.3564



63.0496, 0.3180, 0.3581



63.0496, 0.2832, 0.3016



63.0496, 0.3067, 0.3019

Sweetspot

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



63.0524, 0.3428, 0.3564



95.9929, 0.3205, 0.3364



53.0871, 0.3335, 0.3099



20.4283, 0.3216, 0.3374



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.



63.0524, 0.3428, 0.3564



83.3998, 0.3506, 0.3630



70.6483, 0.3372, 0.3741



15.0609, 0.3277, 0.3430



19.4347, 0.5114, 0.4321



1.5209, 0.4934, 0.4464

Inverse Universe

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



55.6084, 0.2841, 0.3000



71.2487, 0.2772, 0.2925



49.0731, 0.2856, 0.2804



14.1392, 0.2981, 0.3146



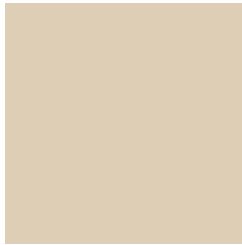
7.5663, 0.1686, 0.1270



0.6963, 0.1771, 0.1576

Previews

White Background



This preview shows how the Yxy color 63.0496, 0.3428, 0.3564 looks on a white background.

Color Contrast Check

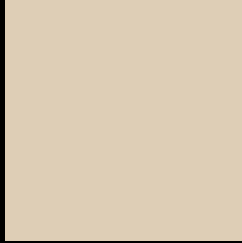
Large Text (above 18pt) WCAG AA × Fail

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 63.0496, 0.3428, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

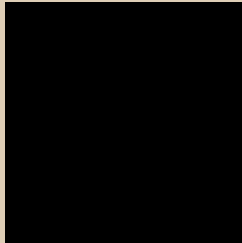
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

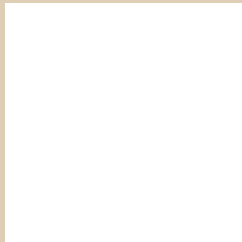
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0496, 0.3428, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 63.0496, 0.3428, 0.3564.

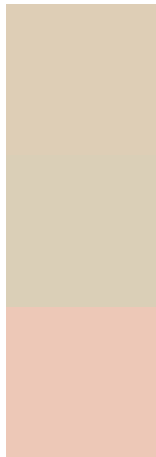


This preview shows how white text looks on a background with the Yxy color 63.0496, 0.3428, 0.3564.

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

63.0496, 0.3428, 0.3564

Protanopia

62.9500, 0.3386, 0.3566

Deuteranopia

62.7320, 0.3555, 0.3478



Tritanopia

63.1139, 0.3213, 0.3115

Trichromacy



Original Color

63.0496, 0.3428, 0.3564

Protanomaly

63.1046, 0.3394, 0.3565

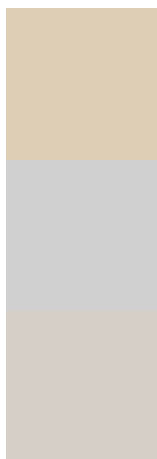
Deuteranomaly

62.8158, 0.3509, 0.3502

Tritanomaly

63.0791, 0.3291, 0.3279

Monochromacy



Original Color

63.0496, 0.3428, 0.3564

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.8953, 0.3230, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0496, 0.3428, 0.3564 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(222, 206, 182)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 182)  
}
```

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(222, 206, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 182) }
```

Border

The CSS property to change the border of an element to Yxy 63.0496, 0.3428, 0.3564 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(222, 206, 182) }
```

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

```
.border{ border-color:rgb(222, 206, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 206, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 182);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0496, 0.3428, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 182) }
```

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

```
.background{ background-color: rgb(222,  
206, 182) }
```

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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