

Converting Colors

Yxy(64.3463, 0.3448, 0.3628)

Have a look what the booklet for
Yxy(64.3463, 0.3448, 0.3628)
contains.

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Color

Yxy(64.3852, 0.3444, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	DED1B3
RGB	222, 209, 179
RGB Percent	87%, 82%, 70%
CMY	0.1293, 0.1804, 0.2980
CMYK	0.00, 0.06, 0.19, 0.13
HSL	42°, 39%, 79%
HSV	42°, 19%, 87%
XYZ	61.0693, 64.3852, 51.8663
YIQ	209.4670, 17.3780, -6.5740

Conversions

Conversions Part 2

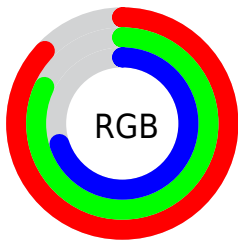
Format	Color
R _{YB}	198, 222, 179
Decimal	14602675
CIE Lab	84.17, -0.30, 16.50
CIE LCh	84, 16.506, 91.037
Yxy	64.3852, 0.3444, 0.3631
Android (android.graphics.Color)	4292792755 (0xFFDED1B3)
YUV	209.4670, -15.0202, 10.9914
Hunter-Lab	80.2404, -4.5680, 17.8440

Details

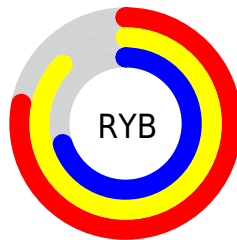
The Yxy color **64.3852, 0.3444, 0.3631** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.5846, 0.2816, 0.2924**, and the grayscale version is **64.1776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **33.1645, 0.3528, 0.3723** is the 20% darker color. If you saturate the color by 10%, you get **60.3283, 0.3629, 0.3815**, and if you desaturate by 10%, it is **68.7320, 0.3273, 0.3451**.

Distribution



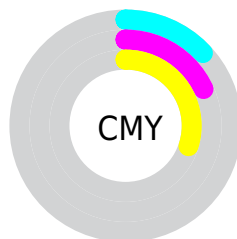
- Red (87%)
- Green (82%)
- Blue (70%)



- Red (78%)
- Yellow (87%)
- Blue (70%)



- Cyan (0%)
- Magenta (6%)
- Yellow (19%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3852, 0.3444, 0.3631 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 64.3852, 0.3444, 0.3631 by changing the saturation by 10% instead.


 64.3852, 0.3444,
0.3631

 64.3852, 0.3444,
0.3631


440.5793, 0.3294,
0.3470

 46.9627, 0.3479,
0.3669


 111.1655, 0.3392,
0.3574

 33.0062, 0.3522,
0.3715


141.2921, 0.3371,
0.3553

 22.1312, 0.3578,
0.3775


176.4223, 0.3354,
0.3534

 13.9533, 0.3651,
0.3854

216.9403, 0.3339,
0.3518

 8.0882, 0.3751,
0.3963

263.2306, 0.3326,
0.3503

 4.1514, 0.3896,
0.4121

315.6776, 0.3314,

 1.7586, 0.4179,

0.3491

0.4427

374.6658, 0.3304,
0.3480

0.4612, 0.4831,
0.5169

0.0000, 0.0000,
0.0000

64.3852, 0.3444,
0.3631

64.3852, 0.3444,
0.3631

60.3283, 0.3629,
0.3815

68.7320, 0.3273,
0.3451

56.5441, 0.3824,
0.3996

73.3681, 0.3118,
0.3279

53.0262, 0.4027,
0.4167

78.3041, 0.2978,
0.3118

49.7646, 0.4228,
0.4318

82.6932, 0.2924,
0.3094

■ 46.7484, 0.4420,
0.4437

■ 86.6392, 0.2926,
0.3163

■ 43.9656, 0.4594,
0.4514

■ 90.7328, 0.2927,
0.3232

■ 41.4017, 0.4739,
0.4542

■ 94.2742, 0.2929,
0.3289

■ 39.0349, 0.4854,
0.4524

■ 38.8910, 0.4861,
0.4522

Harmonies

Analogous

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



64.3852, 0.3533, 0.3518



64.3852, 0.3444, 0.3631



64.3852, 0.3270, 0.3652

Triad

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



64.3852, 0.3444, 0.3631



64.3852, 0.2759, 0.3207



64.3852, 0.3183, 0.3034

Complementary

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



64.3852, 0.3444, 0.3631



52.5846, 0.2816, 0.2924

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.



64.3852, 0.2976, 0.2953



64.3852, 0.3444, 0.3631



64.3852, 0.2736, 0.3045

Square

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



64.3852, 0.3444, 0.3631



64.3852, 0.2876, 0.3401



64.3852, 0.2814, 0.2955



64.3852, 0.3380, 0.3178

Rectangle

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



64.3852, 0.3444, 0.3631



64.3852, 0.3132, 0.3607



64.3852, 0.2814, 0.2955



64.3852, 0.3112, 0.2999

Sweetspot

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



64.3881, 0.3444, 0.3631



96.1306, 0.3220, 0.3393



51.6165, 0.3390, 0.3134



20.4877, 0.3230, 0.3405



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.



64.3881, 0.3444, 0.3631



85.9607, 0.3513, 0.3701



69.8313, 0.3358, 0.3780



15.2917, 0.3275, 0.3453



23.2979, 0.4849, 0.4532



1.7701, 0.4724, 0.4631

Inverse Universe

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



52.5846, 0.2816, 0.2924



67.1588, 0.2750, 0.2842



48.0764, 0.2867, 0.2769



13.9172, 0.2981, 0.3122



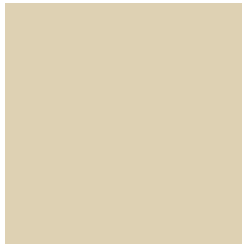
5.7083, 0.1614, 0.1010



0.5499, 0.1699, 0.1318

Previews

White Background



This preview shows how the Yxy color 64.3852, 0.3444, 0.3631 looks on a white background.

Color Contrast Check

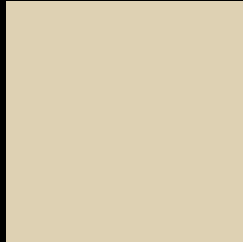
Large Text (above 18pt) WCAG AA × Fail

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 64.3852, 0.3444, 0.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

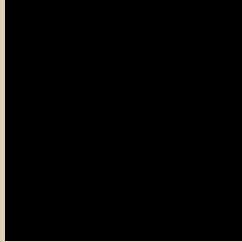
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.3852, 0.3444, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 64.3852, 0.3444, 0.3631.

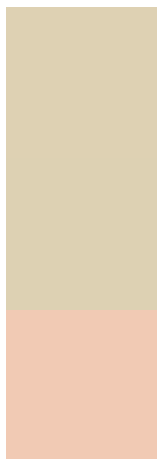


This preview shows how white text looks on a background with the Yxy color 64.3852, 0.3444, 0.3631.

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

64.3852, 0.3444, 0.3631

Protanopia

64.2278, 0.3436, 0.3632

Deuteranopia

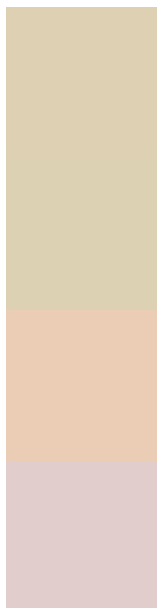
64.2371, 0.3606, 0.3530



Tritanopia

64.1572, 0.3197, 0.3116

Trichromacy



Original Color

64.3852, 0.3444, 0.3631

Protanomaly

64.2278, 0.3436, 0.3632

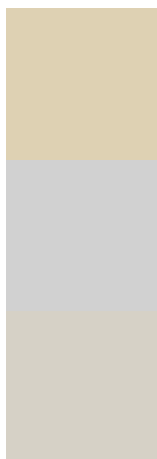
Deuteranomaly

64.4504, 0.3542, 0.3567

Tritanomaly

64.0298, 0.3289, 0.3302

Monochromacy



Original Color

64.3852, 0.3444, 0.3631

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.9743, 0.3243, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3852, 0.3444, 0.3631 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, 209, 179)` looks like.

```
.text, #text, p{  
    color:rgb(222, 209, 179)  
}
```

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, 209, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 209, 179) }
```

Border

The CSS property to change the border of an element to Yxy 64.3852, 0.3444, 0.3631 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, 209, 179) }
```

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

```
.border{ border-color:rgb(222, 209, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 209, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 209, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 209, 179);  
box-shadow:4px 4px 4px 4px rgb(222, 209,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3852, 0.3444, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 209, 179) }
```

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

```
.background{ background-color: rgb(222,  
209, 179) }
```

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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