

Converting Colors

$Yxy(62.9249, 0.3476, 0.3585)$

Have a look what the booklet for
Yxy(62.9249, 0.3476, 0.3585)
contains.

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Color

Yxy(62.9249, 0.3476, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	E1CDB3
RGB	225, 205, 179
RGB Percent	88%, 80%, 70%
CMY	0.1178, 0.1960, 0.2980
CMYK	0.00, 0.09, 0.20, 0.12
HSL	34°, 43%, 79%
HSV	34°, 20%, 88%
XYZ	61.0117, 62.9249, 51.5861
YIQ	208.0160, 20.2660, -3.8460

Conversions

Conversions Part 2

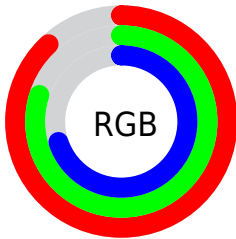
Format	Color
R _Y B	214, 225, 179
Decimal	14798259
CIE Lab	83.40, 2.85, 15.47
CIE LCh	83, 15.731, 79.544
Yxy	62.9249, 0.3476, 0.3585
Android (android.graphics.Color)	4292988339 (0xFFE1CDB3)
YUV	208.0160, -14.3049, 14.8950
Hunter-Lab	79.3252, -1.5288, 16.9707

Details

The Yxy color **62.9249, 0.3476, 0.3585** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.8493, 0.2803, 0.2976**, and the grayscale version is **63.1717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **32.0746, 0.3563, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **57.5625, 0.3678, 0.3737**, and if you desaturate by 10%, it is **68.7331, 0.3295, 0.3437**.

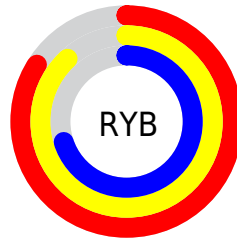
Distribution



Red (88%)

Green (80%)

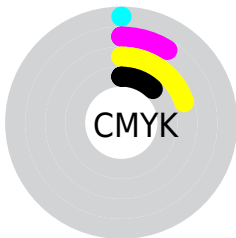
Blue (70%)



Red (84%)

Yellow (88%)

Blue (70%)

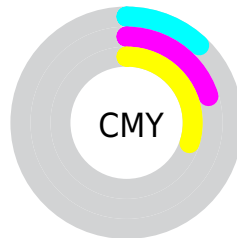


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (12%)



Cyan (12%)


Magenta (20%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9249, 0.3476, 0.3585 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 62.9249, 0.3476, 0.3585 by changing the saturation by 10% instead.


 62.9249, 0.3476,
0.3585

 62.9249, 0.3476,
0.3585


435.2969, 0.3310,
0.3446

 45.7805, 0.3515,
0.3617


 109.0612, 0.3417,
0.3536

 32.0726, 0.3564,
0.3657


138.8218, 0.3395,
0.3518

 21.4170, 0.3626,
0.3708


173.5565, 0.3376,
0.3502

 13.4291, 0.3710,
0.3775

213.6499, 0.3359,
0.3488

 7.7247, 0.3825,
0.3867

259.4862, 0.3344,
0.3475

 3.9193, 0.3996,
0.3999

311.4499, 0.3332,

 1.6285, 0.4335,

0.3464

0.4266

369.9253, 0.3320,
0.3455

■ 0.3767, 0.5317,
0.4683

■ 0.0000, 0.0000,
0.0000

■ 62.9249, 0.3476,
0.3585

■ 62.9249, 0.3476,
0.3585

■ 57.5625, 0.3678,
0.3737

■ 68.7331, 0.3295,
0.3437

■ 52.6250, 0.3900,
0.3888

■ 74.9905, 0.3134,
0.3296

■ 48.1019, 0.4139,
0.4029

■ 81.7111, 0.2992,
0.3164

■ 43.9792, 0.4386,
0.4151

■ 87.9709, 0.2944,
0.3179

■ 40.2416, 0.4633,
0.4241

■ 94.0071, 0.2946,
0.3278

■ 36.8721, 0.4864,
0.4287

■ 94.7414, 0.2946,
0.3289

■ 33.8518, 0.5067,
0.4280

■ 31.2592, 0.5231,
0.4229

Harmonies

Analogous

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



62.9249, 0.3522, 0.3453



62.9249, 0.3476, 0.3585



62.9249, 0.3335, 0.3642

Triad

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



62.9249, 0.3476, 0.3585



62.9249, 0.2806, 0.3281



62.9249, 0.3102, 0.3005

Complementary

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



62.9249, 0.3476, 0.3585



55.8493, 0.2803, 0.2976

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.



62.9249, 0.2915, 0.2956



62.9249, 0.3476, 0.3585



62.9249, 0.2748, 0.3108

Square

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



62.9249, 0.3476, 0.3585



62.9249, 0.2949, 0.3464



62.9249, 0.2787, 0.2992



62.9249, 0.3302, 0.3124

Rectangle

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



62.9249, 0.3476, 0.3585



62.9249, 0.3209, 0.3625



62.9249, 0.2787, 0.2992



62.9249, 0.3036, 0.2980

Sweetspot

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



62.9277, 0.3476, 0.3585



94.8888, 0.3222, 0.3374



52.4043, 0.3356, 0.3056



20.1939, 0.3232, 0.3383



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.



62.9277, 0.3476, 0.3585



80.1493, 0.3570, 0.3657



72.7200, 0.3417, 0.3800



14.9813, 0.3278, 0.3423



18.2563, 0.5210, 0.4245



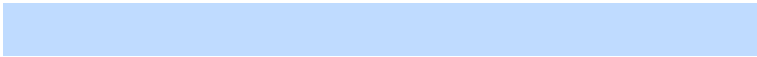
1.4425, 0.5011, 0.4403

Inverse Universe

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



55.8493, 0.2803, 0.2976



68.9522, 0.2723, 0.2893



47.5431, 0.2804, 0.2729



14.2172, 0.2981, 0.3154



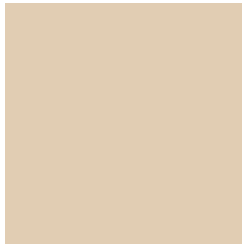
8.3541, 0.1714, 0.1372



0.7547, 0.1798, 0.1672

Previews

White Background



This preview shows how the Yxy color 62.9249, 0.3476, 0.3585 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 62.9249, 0.3476, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

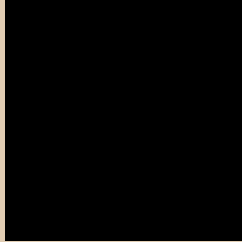
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

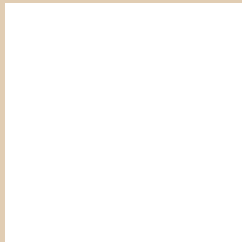
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9249, 0.3476, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 62.9249, 0.3476, 0.3585.



This preview shows how white text looks on a background with the Yxy color 62.9249, 0.3476, 0.3585.

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

62.9249, 0.3476, 0.3585

Protanopia

62.8264, 0.3408, 0.3601

Deuteranopia

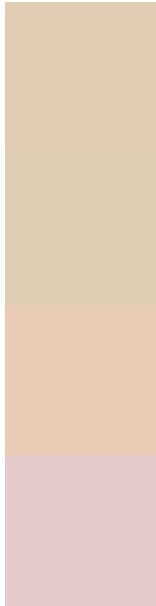
62.7810, 0.3587, 0.3510



Tritanopia

63.0378, 0.3252, 0.3127

Trichromacy



Original Color

62.9249, 0.3476, 0.3585

Protanomaly

62.8101, 0.3434, 0.3588

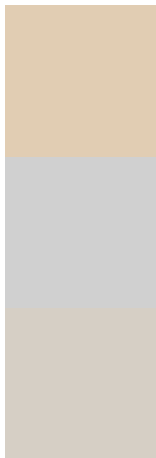
Deuteranomaly

62.8600, 0.3541, 0.3535

Tritanomaly

62.9993, 0.3331, 0.3291

Monochromacy



Original Color

62.9249, 0.3476, 0.3585

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9530, 0.3252, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9249, 0.3476, 0.3585 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(225, 205, 179)` looks like.

```
.text, #text, p{  
    color:rgb(225, 205, 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(225, 205, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 205, 179) }
```

Border

The CSS property to change the border of an element to Yxy 62.9249, 0.3476, 0.3585 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(225, 205, 179) }
```

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

```
.border{ border-color:rgb(225, 205, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 205, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 205, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 205, 179);  
box-shadow:4px 4px 4px 4px rgb(225, 205,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9249, 0.3476, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 205, 179) }
```

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

```
.background{ background-color: rgb(225,  
205, 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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