

Converting Colors

Yxy(67.8184, 0.3378, 0.3558)

Have a look what the booklet for
Yxy(67.8184, 0.3378, 0.3558)
contains.

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Color

Yxy(67.8184, 0.3378, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	E1D6BE
RGB	225, 214, 190
RGB Percent	88%, 84%, 75%
CMY	0.1177, 0.1607, 0.2550
CMYK	0.00, 0.05, 0.16, 0.12
HSL	41°, 37%, 81%
HSV	41°, 16%, 88%
XYZ	64.3875, 67.8184, 58.4024
YIQ	214.5530, 14.2600, -5.1320

Conversions

Conversions Part 2

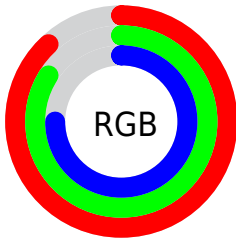
Format	Color
R_{YB}	206, 225, 190
Decimal	14800574
CIE Lab	85.92, -0.16, 13.22
CIE LCh	86, 13.217, 90.708
Yxy	67.8184, 0.3378, 0.3558
Android (android.graphics.Color)	4292990654 (0xFFE1D6BE)
YUV	214.5530, -12.1046, 9.1620
Hunter-Lab	82.3519, -4.5544, 15.5991

Details

The Yxy color **67.8184, 0.3378, 0.3558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1355, 0.2881, 0.3007**, and the grayscale version is **67.7132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **35.1485, 0.3441, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **63.4182, 0.3559, 0.3738**, and if you desaturate by 10%, it is **72.5312, 0.3212, 0.3383**.

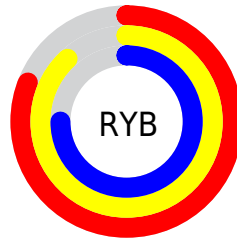
Distribution



Red (88%)

Green (84%)

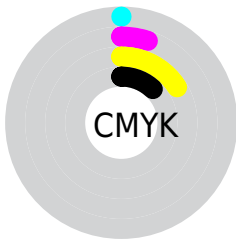
Blue (75%)



Red (81%)

Yellow (88%)

Blue (75%)

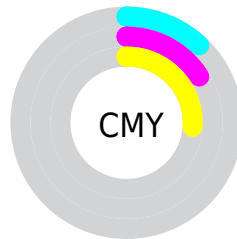


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (12%)



Cyan (12%)


Magenta (16%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8184, 0.3378, 0.3558 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 67.8184, 0.3378, 0.3558 by changing the saturation by 10% instead.


 67.8184, 0.3378,
0.3558

 67.8184, 0.3378,
0.3558


452.8523, 0.3260,
0.3432

 49.7500, 0.3405,
0.3587


 116.0923, 0.3337,
0.3514

 35.2148, 0.3439,
0.3623


147.0666, 0.3321,
0.3497

 23.8284, 0.3482,
0.3669


183.1117, 0.3307,
0.3483

 15.2064, 0.3539,
0.3730

224.6119, 0.3296,
0.3470

 8.9643, 0.3616,
0.3813

271.9517, 0.3285,
0.3459

 4.7179, 0.3729,
0.3934

325.5154, 0.3276,

 2.0827, 0.3906,

0.3449

0.4124

385.6875, 0.3268,
0.3440

0.6549, 0.4857,
0.5143

0.0000, 0.0000,
0.0000

67.8184, 0.3378,
0.3558

67.8184, 0.3378,
0.3558

63.4182, 0.3559,
0.3738

72.5312, 0.3212,
0.3383

59.3126, 0.3752,
0.3919

77.5559, 0.3062,
0.3218

55.4952, 0.3955,
0.4093

82.7427, 0.2942,
0.3087

51.9558, 0.4162,
0.4251

86.8669, 0.2944,
0.3160

■ 48.6834, 0.4363,
0.4382

■ 91.1531, 0.2945,
0.3232

■ 45.6658, 0.4548,
0.4474

■ 94.7454, 0.2946,
0.3289

■ 42.8888, 0.4710,
0.4519

■ 40.3359, 0.4839,
0.4513

■ 39.2620, 0.4890,
0.4499

Harmonies

Analogous

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



67.8184, 0.3447, 0.3471



67.8184, 0.3378, 0.3558



67.8184, 0.3242, 0.3574

Triad

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



67.8184, 0.3378, 0.3558



67.8184, 0.2836, 0.3228



67.8184, 0.3170, 0.3086

Complementary

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



67.8184, 0.3378, 0.3558



58.1355, 0.2881, 0.3007

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.



67.8184, 0.3007, 0.3022



67.8184, 0.3378, 0.3558



67.8184, 0.2818, 0.3099

Square

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



67.8184, 0.3378, 0.3558



67.8184, 0.2931, 0.3379



67.8184, 0.2879, 0.3026



67.8184, 0.3325, 0.3200

Rectangle

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



67.8184, 0.3378, 0.3558



67.8184, 0.3134, 0.3538



67.8184, 0.2879, 0.3026



67.8184, 0.3114, 0.3058

Sweetspot

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



67.8214, 0.3378, 0.3558



96.6815, 0.3204, 0.3374



57.0461, 0.3330, 0.3166



20.5958, 0.3215, 0.3387



0.0000, 0.0000, 0.0000



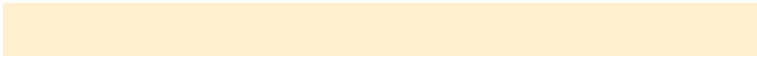
21.4041, 0.3127, 0.3290

Same Dimension

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



67.8214, 0.3378, 0.3558



87.9502, 0.3441, 0.3622



72.5537, 0.3313, 0.3681



15.2666, 0.3275, 0.3450



22.8453, 0.4877, 0.4510



1.7415, 0.4746, 0.4614

Inverse Universe

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



58.1355, 0.2881, 0.3007



72.5263, 0.2820, 0.2934



54.0457, 0.2924, 0.2880



13.9411, 0.2981, 0.3124



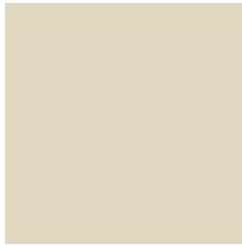
5.8813, 0.1621, 0.1036



0.5642, 0.1707, 0.1344

Previews

White Background



This preview shows how the Yxy color 67.8184, 0.3378, 0.3558 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 67.8184, 0.3378, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

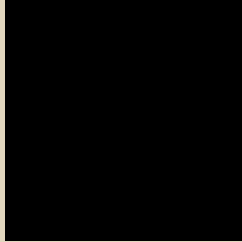
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

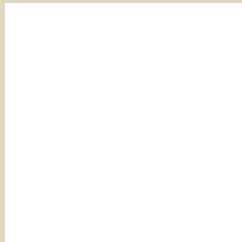
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8184, 0.3378, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 67.8184, 0.3378, 0.3558.

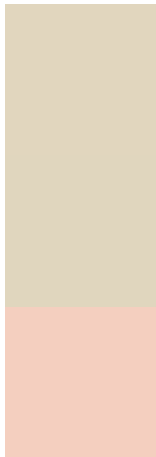


This preview shows how white text looks on a background with the Yxy color 67.8184, 0.3378, 0.3558.

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

67.8184, 0.3378, 0.3558

Protanopia

67.6581, 0.3370, 0.3558

Deuteranopia

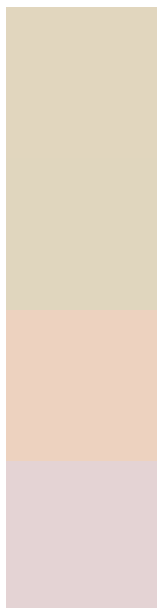
67.6203, 0.3533, 0.3462



Tritanopia

67.8602, 0.3172, 0.3119

Trichromacy



Original Color

67.8184, 0.3378, 0.3558

Protanomaly

67.6581, 0.3370, 0.3558

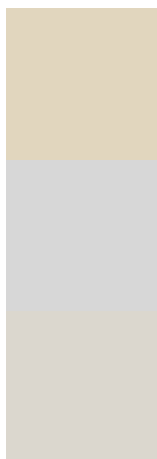
Deuteranomaly

67.8593, 0.3472, 0.3497

Tritanomaly

67.8360, 0.3247, 0.3279

Monochromacy



Original Color

67.8184, 0.3378, 0.3558

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.1172, 0.3218, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8184, 0.3378, 0.3558 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, 214, 190)` looks like.

```
.text, #text, p{  
    color:rgb(225, 214, 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(225, 214, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 214, 190) }
```

Border

The CSS property to change the border of an element to Yxy 67.8184, 0.3378, 0.3558 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, 214, 190) }
```

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

```
.border{ border-color:rgb(225, 214, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 214, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 214, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 214, 190);  
box-shadow:4px 4px 4px 4px rgb(225, 214,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8184, 0.3378, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 214, 190) }
```

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

```
.background{ background-color: rgb(225,  
214, 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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