

Converting Colors

Yxy(67.5462, 0.3423, 0.3499)

Have a look what the booklet for
Yxy(67.5462, 0.3423, 0.3499)
contains.

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Color

Yxy(67.5501, 0.3423, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	E8D3C0
RGB	232, 211, 192
RGB Percent	91%, 83%, 75%
CMY	0.0903, 0.1725, 0.2471
CMYK	0.00, 0.09, 0.17, 0.09
HSL	29°, 46%, 83%
HSV	29°, 17%, 91%
XYZ	66.0829, 67.5501, 59.4225
YIQ	215.1130, 18.6150, -1.4570

Conversions

Conversions Part 2

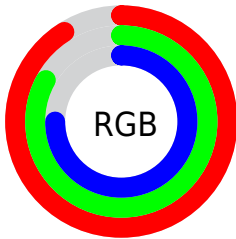
Format	Color
R _Y B	232, 228, 192
Decimal	15258560
CIE Lab	85.78, 4.24, 12.04
CIE LCh	86, 12.768, 70.615
Yxy	67.5501, 0.3423, 0.3499
Android (android.graphics.Color)	4293448640 (0xFFE8D3C0)
YUV	215.1130, -11.3947, 14.8099
Hunter-Lab	82.1889, -0.3099, 14.6656

Details

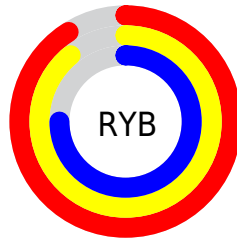
The Yxy color **67.5501, 0.3423, 0.3499** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6045, 0.2857, 0.3072**, and the grayscale version is **68.1051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **35.2081, 0.3489, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **60.7856, 0.3629, 0.3628**, and if you desaturate by 10%, it is **74.9404, 0.3243, 0.3375**.

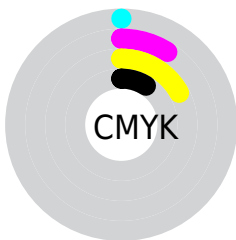
Distribution



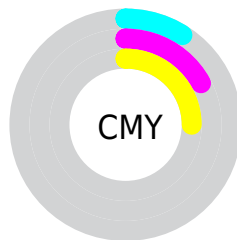
- Red (91%)
- Green (83%)
- Blue (75%)



- Red (91%)
- Yellow (89%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (9%)





- Cyan (9%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5501, 0.3423, 0.3499 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 67.5501, 0.3423, 0.3499 by changing the saturation by 10% instead.


 67.5501, 0.3423,
0.3499

 67.5501, 0.3423,
0.3499


451.9003, 0.3284,
0.3402

 49.5318, 0.3455,
0.3521


 115.7083, 0.3374,
0.3465

 35.0415, 0.3496,
0.3548


146.6170, 0.3355,
0.3452

 23.6949, 0.3547,
0.3583


182.5913, 0.3339,
0.3441

 15.1074, 0.3616,
0.3628

224.0155, 0.3325,
0.3431

 8.8948, 0.3710,
0.3689

271.2742, 0.3313,
0.3423

 4.6726, 0.3849,
0.3776

324.7516, 0.3302,

 2.0565, 0.4070,

0.3415

0.3908

384.8322, 0.3292,
0.3408

0.6400, 0.5265,
0.4735

0.0000, 0.0000,
0.0000

67.5501, 0.3423,
0.3499

67.5501, 0.3423,
0.3499

60.7856, 0.3629,
0.3628

74.9404, 0.3243,
0.3375

54.6201, 0.3861,
0.3757

82.9642, 0.3086,
0.3259

49.0381, 0.4119,
0.3881

91.2086, 0.2987,
0.3215

44.0198, 0.4397,
0.3990

95.8930, 0.2987,
0.3290

■ 39.5441, 0.4686,
0.4071

■ 35.5881, 0.4969,
0.4112

■ 32.1264, 0.5228,
0.4102

■ 29.1287, 0.5445,
0.4037

■ 28.3727, 0.5501,
0.4014

Harmonies

Analogous

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



67.5501, 0.3433, 0.3383



67.5501, 0.3423, 0.3499



67.5501, 0.3332, 0.3563

Triad

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



67.5501, 0.3423, 0.3499



67.5501, 0.2900, 0.3328



67.5501, 0.3061, 0.3044

Complementary

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



67.5501, 0.3423, 0.3499



64.6045, 0.2857, 0.3072

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.



67.5501, 0.2922, 0.3025



67.5501, 0.3423, 0.3499



67.5501, 0.2831, 0.3185

Square

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



67.5501, 0.3423, 0.3499



67.5501, 0.3029, 0.3465



67.5501, 0.2839, 0.3075



67.5501, 0.3221, 0.3124

Rectangle

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



67.5501, 0.3423, 0.3499



67.5501, 0.3239, 0.3564



67.5501, 0.2839, 0.3075



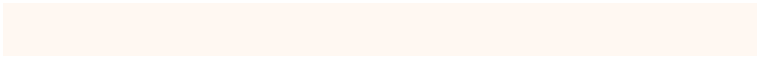
67.5501, 0.3010, 0.3030

Sweetspot

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



67.5531, 0.3423, 0.3499



95.0132, 0.3206, 0.3349



59.6719, 0.3288, 0.3058



20.1902, 0.3218, 0.3357



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.



67.5531, 0.3423, 0.3499



80.3896, 0.3500, 0.3548



77.9151, 0.3388, 0.3704



15.4928, 0.3281, 0.3402



16.0025, 0.5475, 0.4035



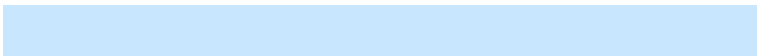
1.3675, 0.5239, 0.4222

Inverse Universe

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



64.6045, 0.2857, 0.3072



76.0355, 0.2794, 0.3017



55.3177, 0.2845, 0.2839



15.1319, 0.2981, 0.3175



11.1723, 0.1796, 0.1664



1.0114, 0.1866, 0.1919

Previews

White Background



This preview shows how the Yxy color 67.5501, 0.3423, 0.3499 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 67.5501, 0.3423, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

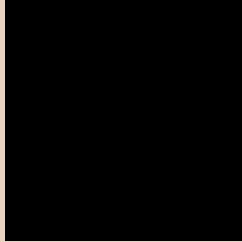
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.5501, 0.3423, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 67.5501, 0.3423, 0.3499.



This preview shows how white text looks on a background with the Yxy color 67.5501, 0.3423, 0.3499.

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

67.5501, 0.3423, 0.3499

Protanopia

67.6314, 0.3341, 0.3525

Deuteranopia

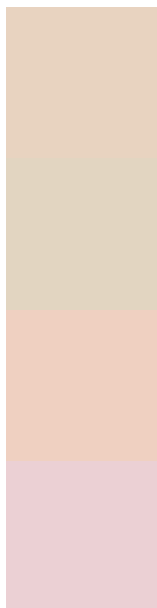
67.5306, 0.3510, 0.3440



Tritanopia

67.7862, 0.3233, 0.3121

Trichromacy



Original Color

67.5501, 0.3423, 0.3499

Protanomaly

67.6075, 0.3366, 0.3512

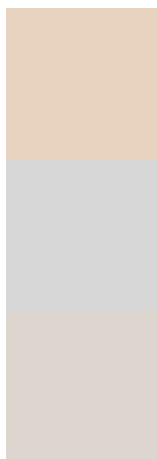
Deuteranomaly

67.3127, 0.3476, 0.3453

Tritanomaly

67.5274, 0.3304, 0.3248

Monochromacy



Original Color

67.5501, 0.3423, 0.3499

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9703, 0.3227, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5501, 0.3423, 0.3499 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(232, 211, 192)` looks like.

```
.text, #text, p{  
    color:rgb(232, 211, 192)  
}
```

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(232, 211, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 211, 192) }
```

Border

The CSS property to change the border of an element to Yxy 67.5501, 0.3423, 0.3499 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(232, 211, 192) }
```

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

```
.border{ border-color:rgb(232, 211, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 211, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 211, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 211, 192);  
box-shadow:4px 4px 4px 4px rgb(232, 211,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5501, 0.3423, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 211, 192) }
```

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

```
.background{ background-color: rgb(232,  
211, 192) }
```

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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