

Converting Colors

$Yxy(68.6349, 0.3484, 0.3750)$

Have a look what the booklet for
Yxy(68.6349, 0.3484, 0.3750)
contains.

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Color

Yxy(68.8896, 0.3487, 0.3759)

Conversions

Conversions Part 1

Format	Color
Hex	E2D9AF
RGB	226, 217, 175
RGB Percent	89%, 85%, 69%
CMY	0.1139, 0.1489, 0.3138
CMYK	0.00, 0.04, 0.23, 0.11
HSL	49°, 47%, 79%
HSV	49°, 23%, 89%
XYZ	63.9048, 68.8896, 50.4714
YIQ	214.9030, 18.8460, -11.1540

Conversions

Conversions Part 2

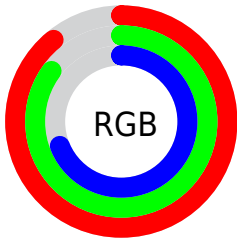
Format	Color
R _Y B	186, 226, 175
Decimal	14866863
CIE Lab	86.45, -3.56, 21.85
CIE LCh	86, 22.142, 99.263
Yxy	68.8896, 0.3487, 0.3759
Android (android.graphics.Color)	4293056943 (0xFFE2D9AF)
YUV	214.9030, -19.6722, 9.7321
Hunter-Lab	82.9998, -7.8154, 22.0461

Details

The Yxy color **68.8896, 0.3487, 0.3759** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.8486, 0.2754, 0.2773**, and the grayscale version is **68.0098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **35.7918, 0.3573, 0.3874** is the 20% darker color. If you saturate the color by 10%, you get **66.0578, 0.3659, 0.3972**, and if you desaturate by 10%, it is **71.9252, 0.3321, 0.3547**.

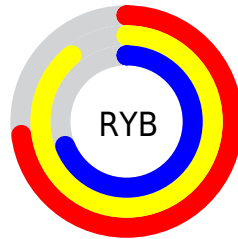
Distribution



Red (89%)

Green (85%)

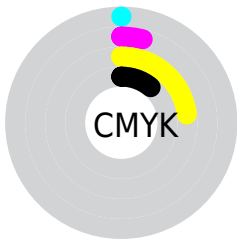
Blue (69%)



Red (73%)

Yellow (89%)

Blue (69%)

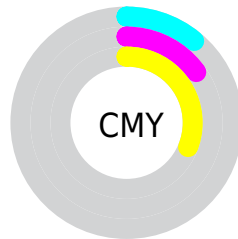


Cyan (0%)

Magenta (4%)

Yellow (23%)

Black (11%)



Cyan (11%)


Magenta (15%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8896, 0.3487, 0.3759 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 68.8896, 0.3487, 0.3759 by changing the saturation by 10% instead.

 68.8896, 0.3487,
0.3759

 68.8896, 0.3487,
0.3759


456.6415, 0.3320,
0.3539

 50.6218, 0.3525,
0.3810


 117.6239, 0.3429,
0.3682

 35.9077, 0.3571,
0.3873


148.8591, 0.3407,
0.3652

 24.3629, 0.3630,
0.3953

185.1857, 0.3387,
0.3627

 15.6031, 0.3705,
0.4058

226.9879, 0.3371,
0.3605

 9.2437, 0.3806,
0.4200

274.6502, 0.3356,
0.3585

 4.9005, 0.3944,
0.4402

328.5570, 0.3343,

 2.1890, 0.4214,

0.3568

0.4790

389.0926, 0.3331,
0.3553

0.7140, 0.4531,
0.5469

0.0000, 0.0000,
0.0000

68.8896, 0.3487,
0.3759

68.8896, 0.3487,
0.3759

66.0578, 0.3659,
0.3972

71.9252, 0.3321,
0.3547

63.4130, 0.3833,
0.4177

75.1627, 0.3165,
0.3341

60.9497, 0.4002,
0.4366

78.6118, 0.3021,
0.3146

58.6589, 0.4161,
0.4528

81.5937, 0.2948,
0.3064

■ 56.5302, 0.4300,
0.4654

■ 83.8627, 0.2949,
0.3105

■ 54.5520, 0.4414,
0.4735

■ 86.1826, 0.2949,
0.3146

■ 52.7102, 0.4499,
0.4770

■ 88.5535, 0.2950,
0.3186

■ 51.4129, 0.4546,
0.4772

■ 90.9759, 0.2951,
0.3227

■ 93.4500, 0.2951,
0.3267

Harmonies

Analogous

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



68.8896, 0.3642, 0.3635



68.8896, 0.3487, 0.3759



68.8896, 0.3238, 0.3753

Triad

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



68.8896, 0.3487, 0.3759



68.8896, 0.2627, 0.3112



68.8896, 0.3274, 0.3002

Complementary

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



68.8896, 0.3487, 0.3759



48.8486, 0.2754, 0.2773

Split Complementary

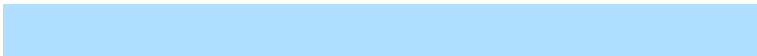
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.8896, 0.2998, 0.2872



68.8896, 0.3487, 0.3759



68.8896, 0.2634, 0.2925

Square

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



68.8896, 0.3487, 0.3759



68.8896, 0.2746, 0.3364



68.8896, 0.2767, 0.2842



68.8896, 0.3518, 0.3202

Rectangle

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



68.8896, 0.3487, 0.3759



68.8896, 0.3056, 0.3669



68.8896, 0.2767, 0.2842



68.8896, 0.3182, 0.2949

Sweetspot

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



68.8927, 0.3487, 0.3759



96.9208, 0.3234, 0.3432



50.2871, 0.3505, 0.3183



20.6896, 0.3243, 0.3445



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.



68.8927, 0.3487, 0.3759



88.8633, 0.3566, 0.3857



71.1442, 0.3346, 0.3874



15.5988, 0.3271, 0.3482



29.4971, 0.4540, 0.4777



2.1534, 0.4477, 0.4827

Inverse Universe

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



48.8486, 0.2754, 0.2773



58.1725, 0.2669, 0.2650



47.2307, 0.2870, 0.2681



13.6302, 0.2981, 0.3091



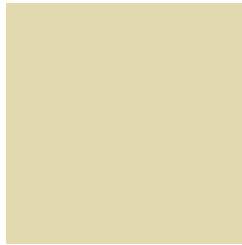
4.1062, 0.1545, 0.0763



0.4017, 0.1618, 0.1023

Previews

White Background



This preview shows how the Yxy color 68.8896, 0.3487, 0.3759 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 68.8896, 0.3487, 0.3759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

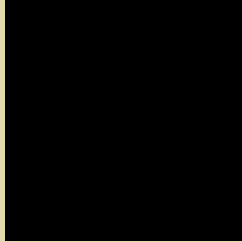
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

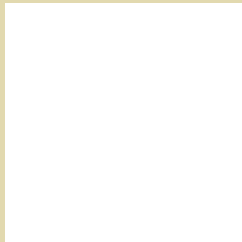
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8896, 0.3487, 0.3759

Background



This preview shows how black text looks on a background with the Yxy color 68.8896, 0.3487, 0.3759.



This preview shows how white text looks on a background with the Yxy color 68.8896, 0.3487, 0.3759.

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

68.8896, 0.3487, 0.3759

Protanopia

68.8257, 0.3520, 0.3756

Deuteranopia

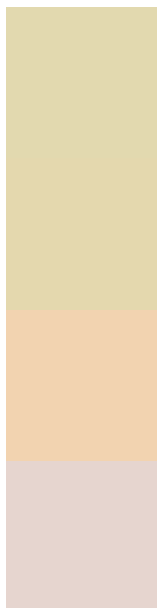
68.7953, 0.3694, 0.3616



Tritanopia

68.9078, 0.3187, 0.3120

Trichromacy



Original Color

68.8896, 0.3487, 0.3759

Protanomaly

68.6617, 0.3512, 0.3757

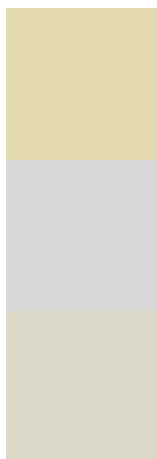
Deuteranomaly

68.6004, 0.3621, 0.3667

Tritanomaly

68.9165, 0.3296, 0.3356

Monochromacy



Original Color

68.8896, 0.3487, 0.3759

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.3419, 0.3259, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8896, 0.3487, 0.3759 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(226, 217, 175)` looks like.

```
.text, #text, p{  
    color:rgb(226, 217, 175)  
}
```

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(226, 217, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 217, 175) }
```

Border

The CSS property to change the border of an element to Yxy 68.8896, 0.3487, 0.3759 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(226, 217, 175) }
```

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

```
.border{ border-color:rgb(226, 217, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 217, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 217, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 217, 175);  
box-shadow:4px 4px 4px 4px rgb(226, 217,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8896, 0.3487, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 217, 175) }
```

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

```
.background{ background-color: rgb(226,  
217, 175) }
```

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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