

Converting Colors

$Yxy(69.6767, 0.3543, 0.3752)$

Have a look what the booklet for
Yxy(69.6767, 0.3543, 0.3752)
contains.

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Color

Yxy(69.8375, 0.3541, 0.3762)

Conversions

Conversions Part 1

Format	Color
Hex	E8D9AE
RGB	232, 217, 174
RGB Percent	91%, 85%, 68%
CMY	0.0902, 0.1490, 0.3176
CMYK	0.00, 0.06, 0.25, 0.09
HSL	44°, 56%, 80%
HSV	44°, 25%, 91%
XYZ	65.7349, 69.8375, 50.0669
YIQ	216.5830, 22.7430, -10.1930

Conversions

Conversions Part 2

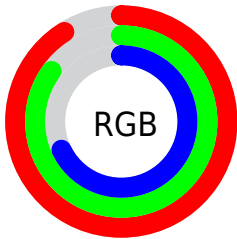
Format	Color
RYB	194, 232, 174
Decimal	15260078
CIELab	86.92, -1.44, 23.07
CIELCh	87, 23.119, 93.567
Yxy	69.8375, 0.3541, 0.3762
Android (android.graphics.Color)	4293450158 (0xFFE8D9AE)
YUV	216.5830, -20.9934, 13.5207
Hunter-Lab	83.5688, -5.8382, 22.9770

Details

The Yxy color $69.8375, 0.3541, 0.3762$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $51.2326, 0.2714, 0.2769$, and the grayscale version is $69.2256, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4932, 0.3274, 0.3532$, and $36.4512, 0.3645, 0.3876$ is the 20% darker color. If you saturate the color by 10%, you get $65.9732, 0.3726, 0.3956$, and if you desaturate by 10%, it is $73.9771, 0.3366, 0.3568$.

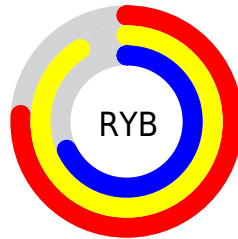
Distribution



Red (91%)

Green (85%)

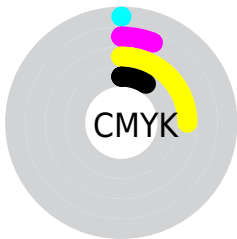
Blue (68%)



Red (76%)

Yellow (91%)

Blue (68%)

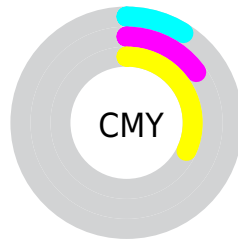


Cyan (0%)

Magenta (6%)

Yellow (25%)

Black (9%)



Cyan (9%)


Magenta (15%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8375, 0.3541, 0.3762 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 69.8375, 0.3541, 0.3762 by changing the saturation by 10% instead.


 69.8375, 0.3541,
0.3762

 69.8375, 0.3541,
0.3762

459.9792, 0.3349,
0.3542

 51.3941, 0.3585,
0.3812

 118.9770, 0.3475,
0.3686

 36.5223, 0.3638,
0.3874


150.4418, 0.3449,
0.3656

 24.8379, 0.3705,
0.3952


187.0159, 0.3426,
0.3630

 15.9563, 0.3792,
0.4054

229.0837, 0.3407,
0.3608

 9.4932, 0.3908,
0.4190

277.0295, 0.3390,
0.3589

 5.0643, 0.4066,
0.4380

331.2378, 0.3375,

 2.2850, 0.4373,

0.3571

0.4743

392.0929, 0.3361,
0.3556

0.7658, 0.4750,
0.5250

0.0000, 0.0000,
0.0000

69.8375, 0.3541,
0.3762

69.8375, 0.3541,
0.3762

65.9732, 0.3726,
0.3956

73.9771, 0.3366,
0.3568

62.3654, 0.3917,
0.4142

78.3910, 0.3203,
0.3381

59.0074, 0.4108,
0.4311

83.0906, 0.3055,
0.3202

55.8882, 0.4290,
0.4453

87.2987, 0.2987,
0.3149

■ 52.9958, 0.4455,
0.4556

■ 90.9124, 0.2987,
0.3210

■ 50.3162, 0.4594,
0.4613

■ 94.6445, 0.2987,
0.3270

■ 47.8326, 0.4702,
0.4621

■ 95.8974, 0.2988,
0.3290

■ 46.6507, 0.4748,
0.4612

Harmonies

Analogous

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



69.8375, 0.3678, 0.3612



69.8375, 0.3541, 0.3762



69.8375, 0.3295, 0.3785

Triad

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



69.8375, 0.3541, 0.3762



69.8375, 0.2622, 0.3151



69.8375, 0.3225, 0.2959

Complementary

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



69.8375, 0.3541, 0.3762



51.2326, 0.2714, 0.2769

Split Complementary

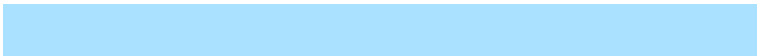
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.8375, 0.2942, 0.2842



69.8375, 0.3541, 0.3762



69.8375, 0.2604, 0.2939

Square

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



69.8375, 0.3541, 0.3762



69.8375, 0.2768, 0.3419



69.8375, 0.2718, 0.2832



69.8375, 0.3492, 0.3155

Rectangle

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



69.8375, 0.3541, 0.3762



69.8375, 0.3106, 0.3716



69.8375, 0.2718, 0.2832



69.8375, 0.3128, 0.2910

Sweetspot

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



69.8407, 0.3541, 0.3762



95.9912, 0.3235, 0.3418



51.1307, 0.3515, 0.3117



20.4738, 0.3245, 0.3430



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.



69.8407, 0.3541, 0.3762



84.0274, 0.3636, 0.3862



75.7545, 0.3405, 0.3935



16.1527, 0.3274, 0.3463



26.1101, 0.4737, 0.4621



2.0774, 0.4640, 0.4698

Inverse Universe

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



51.2326, 0.2714, 0.2769



57.2683, 0.2620, 0.2642



46.7390, 0.2800, 0.2600



14.4905, 0.2981, 0.3111



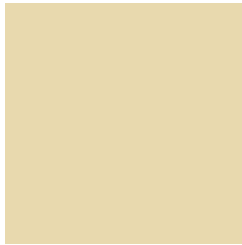
5.2036, 0.1586, 0.0910



0.5320, 0.1664, 0.1190

Previews

White Background



This preview shows how the Yxy color 69.8375, 0.3541, 0.3762 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 69.8375, 0.3541, 0.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

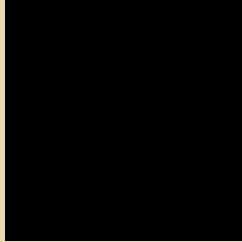
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

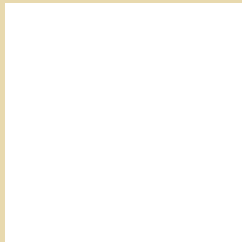
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8375, 0.3541, 0.3762

Background



This preview shows how black text looks on a background with the Yxy color 69.8375, 0.3541, 0.3762.

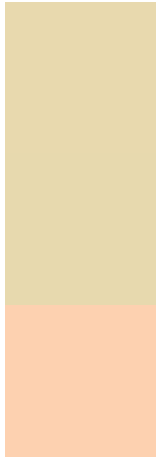


This preview shows how white text looks on a background with the Yxy color 69.8375, 0.3541, 0.3762.

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

69.8375, 0.3541, 0.3762

Protanopia

69.6706, 0.3533, 0.3763

Deuteranopia

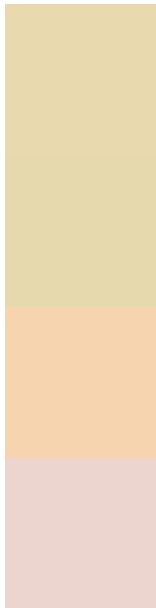
69.6182, 0.3715, 0.3635



Tritanopia

69.7613, 0.3224, 0.3122

Trichromacy



Original Color

69.8375, 0.3541, 0.3762

Protanomaly

69.6706, 0.3533, 0.3763

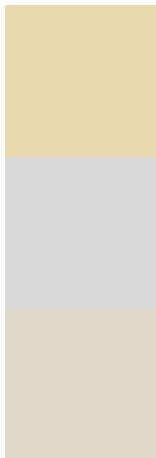
Deuteranomaly

69.5946, 0.3650, 0.3684

Tritanomaly

69.9264, 0.3342, 0.3355

Monochromacy



Original Color

69.8375, 0.3541, 0.3762

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.3723, 0.3273, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8375, 0.3541, 0.3762 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, 217, 174)` looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 174)  
}
```

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, 217, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 174) }
```

Border

The CSS property to change the border of an element to Yxy 69.8375, 0.3541, 0.3762 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, 217, 174) }
```

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

```
.border{ border-color:rgb(232, 217, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 217, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 174);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
174) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 69.8375, 0.3541, 0.3762$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 174) }
```

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

```
.background{ background-color: rgb(232,  
217, 174) }
```

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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