

Converting Colors

$Y_{xy}(75.6542, 0.3510, 0.3854)$

Have a look what the booklet for
Yxy(75.6542, 0.3510, 0.3854)
contains.

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Color

Yxy(75.9056, 0.3515, 0.3862)

Conversions

Conversions Part 1

Format	Color
Hex	E9E4AF
RGB	233, 228, 175
RGB Percent	91%, 89%, 69%
CMY	0.0862, 0.1059, 0.3138
CMYK	0.00, 0.02, 0.25, 0.09
HSL	55°, 57%, 80%
HSV	55°, 25%, 91%
XYZ	69.0855, 75.9056, 51.5537
YIQ	223.4530, 19.9930, -15.4230

Conversions

Conversions Part 2

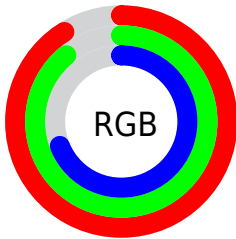
Format	Color
RYB	180, 233, 175
Decimal	15328431
CIELab	89.82, -6.54, 26.56
CIELCh	90, 27.352, 103.840
Yxy	75.9056, 0.3515, 0.3862
Android (android.graphics.Color)	4293518511 (0xFFE9E4AF)
YUV	223.4530, -23.8873, 8.3727
Hunter-Lab	87.1238, -10.9238, 25.9031

Details

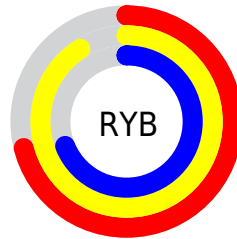
The Yxy color **75.9056, 0.3515, 0.3862** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.6288, 0.2705, 0.2645**, and the grayscale version is **74.2949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **40.6394, 0.3603, 0.4002** is the 20% darker color. If you saturate the color by 10%, you get **73.9722, 0.3676, 0.4092**, and if you desaturate by 10%, it is **78.0167, 0.3355, 0.3629**.

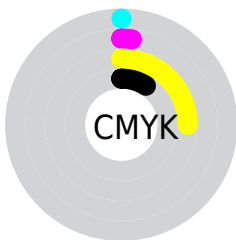
Distribution



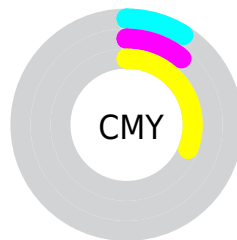
- Red (91%)
- Green (89%)
- Blue (69%)



- Red (71%)
- Yellow (91%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (25%)
- Black (9%)





- Cyan (9%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9056, 0.3515, 0.3862 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 75.9056, 0.3515, 0.3862 by changing the saturation by 10% instead.


 75.9056, 0.3515,
0.3862

 75.9056, 0.3515,
0.3862


481.0245, 0.3340,
0.3597

 56.3551, 0.3554,
0.3922


 127.5935, 0.3455,
0.3770

 40.4877, 0.3600,
0.3996


160.4996, 0.3432,
0.3734

 27.9190, 0.3658,
0.4089


198.6264, 0.3411,
0.3704

 18.2646, 0.3731,
0.4210

242.3583, 0.3394,
0.3677

 11.1401, 0.3824,
0.4370

292.0797, 0.3378,
0.3653

 6.1612, 0.3945,
0.4592

348.1749, 0.3364,

 2.9433, 0.4142,

0.3632

0.4962

411.0284, 0.3351,
0.3614

■ 1.1022, 0.4421,
0.5579

■ 0.0000, 0.0000,
0.0000

■ 75.9056, 0.3515,
0.3862

■ 75.9056, 0.3515,
0.3862

■ 73.9722, 0.3676,
0.4092

■ 78.0167, 0.3355,
0.3629

■ 72.1980, 0.3832,
0.4311

■ 80.3027, 0.3200,
0.3399

■ 70.5776, 0.3977,
0.4507

■ 82.7742, 0.3054,
0.3179

■ 69.1011, 0.4105,
0.4673

■ 84.5598, 0.2993,
0.3099

67.7577, 0.4210,
0.4798

85.7234, 0.2993,
0.3120

66.5343, 0.4287,
0.4879

86.9002, 0.2993,
0.3140

65.4153, 0.4337,
0.4917

88.0900, 0.2993,
0.3160

64.8729, 0.4355,
0.4924

89.2930, 0.2993,
0.3181

90.5091, 0.2993,
0.3201

Harmonies

Analogous

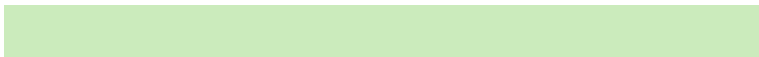
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9056, 0.3725, 0.3729



75.9056, 0.3515, 0.3862



75.9056, 0.3207, 0.3832

Triad

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



75.9056, 0.3515, 0.3862



75.9056, 0.2525, 0.3033



75.9056, 0.3351, 0.2980

Complementary

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



75.9056, 0.3515, 0.3862



47.6288, 0.2705, 0.2645

Split Complementary

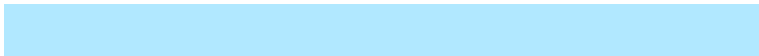
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9056, 0.3020, 0.2813



75.9056, 0.3515, 0.3862



75.9056, 0.2557, 0.2830

Square

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



75.9056, 0.3515, 0.3862



75.9056, 0.2643, 0.3329



75.9056, 0.2734, 0.2756



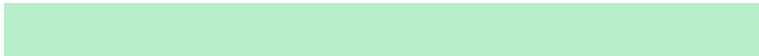
75.9056, 0.3631, 0.3224

Rectangle

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



75.9056, 0.3515, 0.3862



75.9056, 0.2991, 0.3715



75.9056, 0.2734, 0.2756



75.9056, 0.3241, 0.2914

Sweetspot

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



75.9090, 0.3515, 0.3862



97.9252, 0.3233, 0.3448



51.3026, 0.3600, 0.3226



20.9229, 0.3242, 0.3461



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.



75.9090, 0.3515, 0.3862



91.8781, 0.3599, 0.3984



75.0487, 0.3334, 0.3947



17.3918, 0.3270, 0.3503



36.8991, 0.4352, 0.4926



2.9629, 0.4328, 0.4946

Inverse Universe

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



47.6288, 0.2705, 0.2645



51.4823, 0.2603, 0.2486



48.5654, 0.2876, 0.2617



14.7576, 0.2980, 0.3068



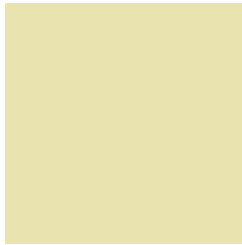
3.6974, 0.1516, 0.0658



0.3624, 0.1555, 0.0799

Previews

White Background



This preview shows how the Yxy color 75.9056, 0.3515, 0.3862 looks on a white background.

Color Contrast Check

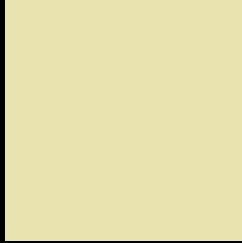
Large Text (above 18pt) WCAG AA × Fail

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 75.9056, 0.3515, 0.3862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

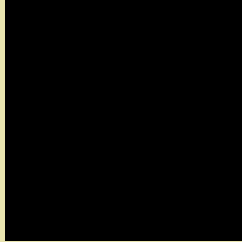
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

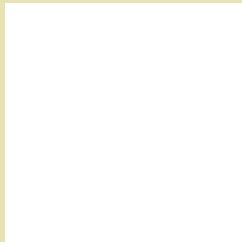
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9056, 0.3515, 0.3862

Background



This preview shows how black text looks on a background with the Yxy color 75.9056, 0.3515, 0.3862.



This preview shows how white text looks on a background with the Yxy color 75.9056, 0.3515, 0.3862.

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

75.9056, 0.3515, 0.3862

Protanopia

75.6072, 0.3590, 0.3831

Deuteranopia

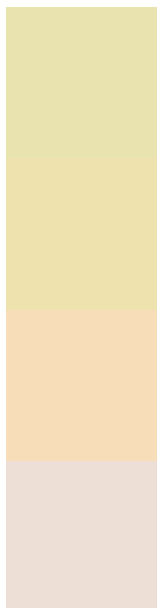
75.6846, 0.3591, 0.3578



Tritanopia

76.0016, 0.3164, 0.3116

Trichromacy



Original Color

75.9056, 0.3515, 0.3862

Protanomaly

75.6258, 0.3564, 0.3845

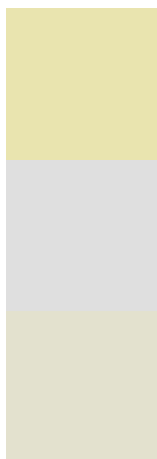
Deuteranomaly

75.5195, 0.3566, 0.3677

Tritanomaly

75.8075, 0.3295, 0.3385

Monochromacy



Original Color

75.9056, 0.3515, 0.3862

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.6376, 0.3267, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9056, 0.3515, 0.3862 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(233, 228, 175)` looks like.

```
.text, #text, p{  
    color:rgb(233, 228, 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(233, 228, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 228, 175) }
```

Border

The CSS property to change the border of an element to Yxy 75.9056, 0.3515, 0.3862 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(233, 228, 175) }
```

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

```
.border{ border-color:rgb(233, 228, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 228, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 228, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 228, 175);  
box-shadow:4px 4px 4px 4px rgb(233, 228,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9056, 0.3515, 0.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 228, 175) }
```

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

```
.background{ background-color: rgb(233,  
228, 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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