

Converting Colors

$Yxy(68.7901, 0.3454, 0.3583)$

Have a look what the booklet for
Yxy(68.7901, 0.3454, 0.3583)
contains.

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Color

Yxy(68.8368, 0.3454, 0.3586)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E8D6BB |
| RGB | 232, 214, 187 |
| RGB Percent | 91%, 84%, 73% |
| CMY | 0.0901, 0.1608, 0.2666 |
| CMYK | 0.00, 0.08, 0.19, 0.09 |
| HSL | 36°, 49%, 82% |
| HSV | 36°, 19%, 91% |
| XYZ | 66.3029, 68.8368, 56.8201 |
| YIQ | 216.3040, 19.3950, -4.5810 |

Conversions

Conversions Part 2

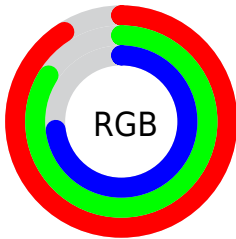
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 217, 232, 187 |
| Decimal | 15259323 |
| CIE Lab | 86.42, 1.96, 15.57 |
| CIE LCh | 86, 15.696, 82.824 |
| Yxy | 68.8368, 0.3454, 0.3586 |
| Android (android.graphics.Color) | 4293449403 (0xFFE8D6BB) |
| YUV | 216.3040, -14.4469, 13.7654 |
| Hunter-Lab | 82.9679, -2.5476, 17.4732 |

Details

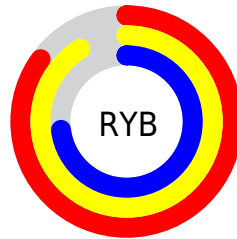
The Yxy color **68.8368, 0.3454, 0.3586** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60.0853, 0.2818, 0.2975**, and the grayscale version is **68.9826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **35.7476, 0.3532, 0.3648** is the 20% darker color. If you saturate the color by 10%, you get **63.3528, 0.3651, 0.3747**, and if you desaturate by 10%, it is **74.7561, 0.3277, 0.3430**.

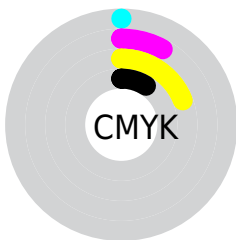
Distribution



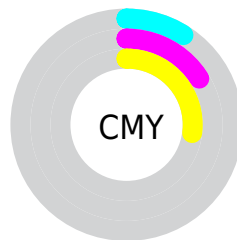
- Red (91%)
- Green (84%)
- Blue (73%)



- Red (85%)
- Yellow (91%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (9%)





- Cyan (9%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8368, 0.3454, 0.3586 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 68.8368, 0.3454, 0.3586 by changing the saturation by 10% instead.


 68.8368, 0.3454,
0.3586

 68.8368, 0.3454,
0.3586


456.4552, 0.3301,
0.3448

 50.5788, 0.3489,
0.3617


 117.5484, 0.3401,
0.3538

 35.8735, 0.3533,
0.3656


148.7709, 0.3380,
0.3520

 24.3365, 0.3589,
0.3706


185.0836, 0.3362,
0.3504

 15.5834, 0.3662,
0.3770

226.8710, 0.3347,
0.3490

 9.2299, 0.3762,
0.3857

274.5175, 0.3333,
0.3478

 4.8914, 0.3906,
0.3980

328.4074, 0.3321,

 2.1837, 0.4131,

0.3467

0.4168

388.9252, 0.3311,
0.3457

0.7111, 0.5044,
0.4956

0.0000, 0.0000,
0.0000

68.8368, 0.3454,
0.3586

68.8368, 0.3454,
0.3586

63.3528, 0.3651,
0.3747

74.7561, 0.3277,
0.3430

58.2827, 0.3865,
0.3906

81.1131, 0.3118,
0.3281

53.6167, 0.4093,
0.4056

87.8159, 0.2987,
0.3158

49.3411, 0.4329,
0.4188

93.4879, 0.2987,
0.3252

■ 45.4409, 0.4562,
0.4288

■ 95.9000, 0.2988,
0.3290

■ 41.8995, 0.4779,
0.4346

■ 38.6981, 0.4969,
0.4352

■ 35.8094, 0.5126,
0.4307

■ 35.6425, 0.5136,
0.4304

Harmonies

Analogous

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



68.8368, 0.3510, 0.3464



68.8368, 0.3454, 0.3586



68.8368, 0.3310, 0.3631

Triad

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



68.8368, 0.3454, 0.3586



68.8368, 0.2806, 0.3262



68.8368, 0.3125, 0.3024

Complementary

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



68.8368, 0.3454, 0.3586



60.0853, 0.2818, 0.2975

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.



68.8368, 0.2939, 0.2968



68.8368, 0.3454, 0.3586



68.8368, 0.2759, 0.3098

Square

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



68.8368, 0.3454, 0.3586



68.8368, 0.2936, 0.3441



68.8368, 0.2807, 0.2993



68.8368, 0.3316, 0.3145

Rectangle

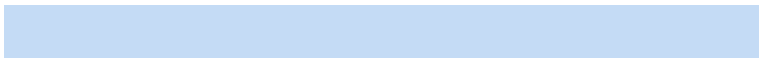
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.8368, 0.3454, 0.3586



68.8368, 0.3185, 0.3607



68.8368, 0.2807, 0.2993



68.8368, 0.3060, 0.2997

Sweetspot

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



68.8399, 0.3454, 0.3586



95.2043, 0.3221, 0.3379



57.1574, 0.3355, 0.3084



20.2685, 0.3232, 0.3389



0.0000, 0.0000, 0.0000



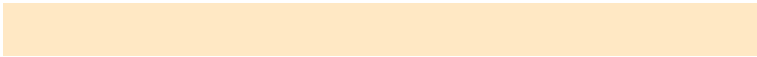
21.4041, 0.3127, 0.3290

Same Dimension

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



68.8399, 0.3454, 0.3586



82.6940, 0.3525, 0.3646



77.8553, 0.3392, 0.3777



15.7975, 0.3277, 0.3431



20.0356, 0.5116, 0.4320



1.6613, 0.4945, 0.4455

Inverse Universe

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



60.0853, 0.2818, 0.2975



70.1100, 0.2755, 0.2907



52.4271, 0.2832, 0.2762



14.8302, 0.2981, 0.3145



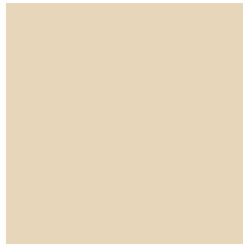
7.8073, 0.1686, 0.1269



0.7548, 0.1766, 0.1559

Previews

White Background



This preview shows how the Yxy color 68.8368, 0.3454, 0.3586 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 68.8368, 0.3454, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

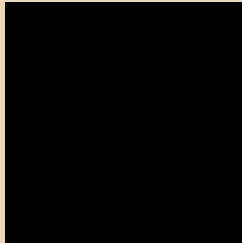
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

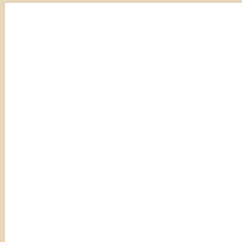
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8368, 0.3454, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 68.8368, 0.3454, 0.3586.



This preview shows how white text looks on a background with the Yxy color 68.8368, 0.3454, 0.3586.

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

68.8368, 0.3454, 0.3586

Protanopia

69.0735, 0.3404, 0.3600

Deuteranopia

68.5167, 0.3578, 0.3503



Tritanopia

69.0417, 0.3225, 0.3122

Trichromacy



Original Color

68.8368, 0.3454, 0.3586

Protanomaly

68.8897, 0.3422, 0.3588

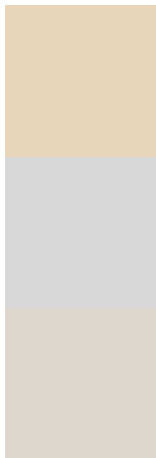
Deuteranomaly

68.6013, 0.3534, 0.3526

Tritanomaly

68.9538, 0.3308, 0.3291

Monochromacy



Original Color

68.8368, 0.3454, 0.3586

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5383, 0.3248, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8368, 0.3454, 0.3586 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, 214, 187)` looks like.

```
.text, #text, p{  
  color:rgb(232, 214, 187)  
}
```

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, 214, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 214, 187) }
```

Border

The CSS property to change the border of an element to Yxy 68.8368, 0.3454, 0.3586 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, 214, 187) }
```

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

```
.border{ border-color:rgb(232, 214, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 214, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 214, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 214, 187);  
box-shadow:4px 4px 4px 4px rgb(232, 214,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8368, 0.3454, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 214, 187) }
```

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

```
.background{ background-color: rgb(232,  
214, 187) }
```

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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