

Converting Colors

Yxy(67.5094, 0.3557, 0.3699)

Have a look what the booklet for
Yxy(67.5094, 0.3557, 0.3699)
contains.

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Color

Yxy(67.5058, 0.3554, 0.3698)

Conversions

Conversions Part 1

Format	Color
Hex	E9D4AF
RGB	233, 212, 175
RGB Percent	91%, 83%, 69%
CMY	0.0864, 0.1686, 0.3137
CMYK	0.00, 0.09, 0.25, 0.09
HSL	38°, 57%, 80%
HSV	38°, 25%, 91%
XYZ	64.8771, 67.5058, 50.1639
YIQ	214.0610, 24.3930, -7.0550

Conversions

Conversions Part 2

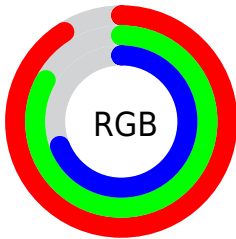
Format	Color
RYB	208, 233, 175
Decimal	15324335
CIELab	85.76, 1.62, 20.98
CIELCh	86, 21.040, 85.576
Yxy	67.5058, 0.3554, 0.3698
Android (android.graphics.Color)	4293514415 (0xFFE9D4AF)
YUV	214.0610, -19.2571, 16.6095
Hunter-Lab	82.1619, -2.8352, 21.3139

Details

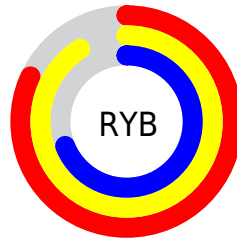
The Yxy color **67.5058, 0.3554, 0.3698** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.4492, 0.2723, 0.2845**, and the grayscale version is **67.4072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **35.2060, 0.3662, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **62.5705, 0.3755, 0.3868**, and if you desaturate by 10%, it is **72.8246, 0.3369, 0.3529**.

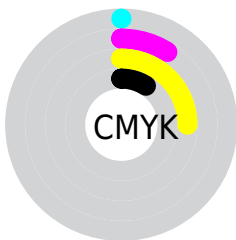
Distribution



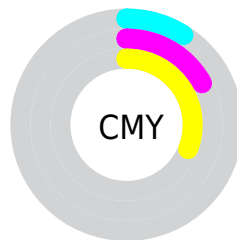
- Red (91%)
- Green (83%)
- Blue (69%)



- Red (82%)
- Yellow (91%)
- Blue (69%)



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



- Cyan (9%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5058, 0.3554, 0.3698 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 67.5058, 0.3554, 0.3698 by changing the saturation by 10% instead.


 67.5058, 0.3554,
0.3698

 67.5058, 0.3554,
0.3698


451.7430, 0.3354,
0.3508

 49.4958, 0.3600,
0.3741


 115.6449, 0.3484,
0.3632

 35.0129, 0.3657,
0.3795


146.5427, 0.3457,
0.3606

 23.6728, 0.3729,
0.3862


182.5053, 0.3434,
0.3584

 15.0911, 0.3823,
0.3950

223.9170, 0.3414,
0.3565

 8.8834, 0.3951,
0.4067

271.1623, 0.3396,
0.3548

 4.6652, 0.4131,
0.4230

324.6254, 0.3380,

 2.0522, 0.4485,

0.3533

384.6909, 0.3367,
0.3520

0.4554

0.6375, 0.5031,
0.4969

0.0000, 0.0000,
0.0000

67.5058, 0.3554,
0.3698

67.5058, 0.3554,
0.3698

62.5705, 0.3755,
0.3868

72.8246, 0.3369,
0.3529

57.9981, 0.3968,
0.4033

78.5286, 0.3202,
0.3366

53.7796, 0.4189,
0.4183

84.6309, 0.3053,
0.3213

49.9016, 0.4409,
0.4306

90.2631, 0.2993,
0.3197

■ 46.3496, 0.4618,
0.4392

■ 95.4928, 0.2993,
0.3281

■ 43.1072, 0.4803,
0.4430

■ 96.0582, 0.2993,
0.3290

■ 40.1550, 0.4955,
0.4416

■ 38.7433, 0.5024,
0.4393

Harmonies

Analogous

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



67.5058, 0.3644, 0.3538



67.5058, 0.3554, 0.3698



67.5058, 0.3350, 0.3752

Triad

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



67.5058, 0.3554, 0.3698



67.5058, 0.2686, 0.3227



67.5058, 0.3147, 0.2947

Complementary

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



67.5058, 0.3554, 0.3698



54.4492, 0.2723, 0.2845

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.



67.5058, 0.2894, 0.2863



67.5058, 0.3554, 0.3698



67.5058, 0.2636, 0.3012

Square

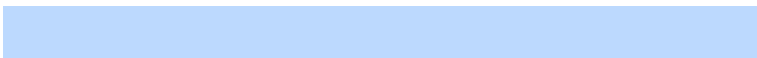
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.5058, 0.3554, 0.3698



67.5058, 0.2850, 0.3473



67.5058, 0.2710, 0.2884



67.5058, 0.3403, 0.3113

Rectangle

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



67.5058, 0.3554, 0.3698



67.5058, 0.3179, 0.3713



67.5058, 0.2710, 0.2884



67.5058, 0.3058, 0.2908

Sweetspot

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



67.5089, 0.3554, 0.3698



94.8564, 0.3237, 0.3401



51.9727, 0.3462, 0.3054



20.2107, 0.3247, 0.3411



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.



67.5089, 0.3554, 0.3698



79.6270, 0.3658, 0.3788



77.4003, 0.3446, 0.3923



16.6583, 0.3277, 0.3440



22.2339, 0.5008, 0.4406



1.9273, 0.4865, 0.4519

Inverse Universe

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



54.4492, 0.2723, 0.2845



60.9568, 0.2631, 0.2735



46.5723, 0.2757, 0.2594



15.4400, 0.2980, 0.3135



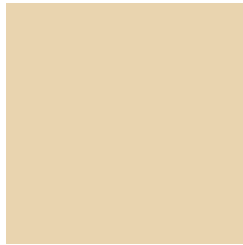
7.1680, 0.1655, 0.1156



0.7399, 0.1731, 0.1433

Previews

White Background



This preview shows how the Yxy color 67.5058, 0.3554, 0.3698 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 67.5058, 0.3554, 0.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

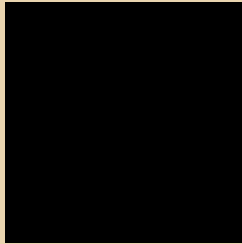
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

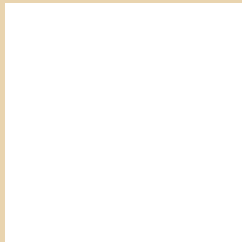
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5058, 0.3554, 0.3698

Background



This preview shows how black text looks on a background with the Yxy color 67.5058, 0.3554, 0.3698.



This preview shows how white text looks on a background with the Yxy color 67.5058, 0.3554, 0.3698.

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

67.5058, 0.3554, 0.3698

Protanopia

67.5586, 0.3495, 0.3714

Deuteranopia

67.2337, 0.3684, 0.3609



Tritanopia

67.7673, 0.3264, 0.3122

Trichromacy



Original Color

67.5058, 0.3554, 0.3698

Protanomaly

67.3811, 0.3513, 0.3702

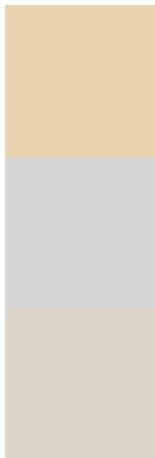
Deuteranomaly

67.3010, 0.3637, 0.3635

Tritanomaly

67.5241, 0.3371, 0.3323

Monochromacy



Original Color

67.5058, 0.3554, 0.3698

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.1308, 0.3277, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5058, 0.3554, 0.3698 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, 212, 175)` looks like.

```
.text, #text, p{  
    color:rgb(233, 212, 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, 212, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 212, 175) }
```

Border

The CSS property to change the border of an element to Yxy 67.5058, 0.3554, 0.3698 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, 212, 175) }
```

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

```
.border{ border-color:rgb(233, 212, 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, 212, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 212, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 212, 175); box-shadow:4px 4px 4px 4px rgb(233, 212, 175) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5058, 0.3554, 0.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 212, 175) }
```

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

```
.background{ background-color: rgb(233,  
212, 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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