

Converting Colors

$Y_{xy}(71.7197, 0.3352, 0.3573)$

Have a look what the booklet for
Yxy(71.7197, 0.3352, 0.3573)
contains.

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Color

Yxy(71.4574, 0.3348, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	E3DCC3
RGB	227, 220, 195
RGB Percent	89%, 86%, 76%
CMY	0.1100, 0.1372, 0.2353
CMYK	0.00, 0.03, 0.14, 0.11
HSL	47°, 36%, 83%
HSV	47°, 14%, 89%
XYZ	67.1078, 71.4574, 61.8763
YIQ	219.2430, 12.1970, -6.2910

Conversions

Conversions Part 2

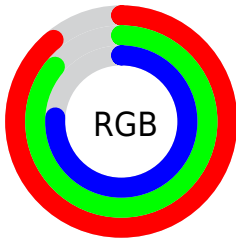
Format	Color
RYB	204, 227, 195
Decimal	14933187
CIELab	87.71, -1.78, 13.14
CIELCh	88, 13.265, 97.732
Yxy	71.4574, 0.3348, 0.3565
Android (android.graphics.Color)	4293123267 (0xFFE3DCC3)
YUV	219.2430, -11.9518, 6.8029
Hunter-Lab	84.5325, -6.2260, 15.7735

Details

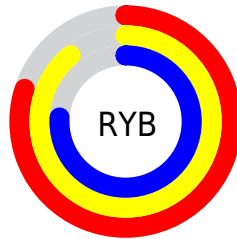
The Yxy color **71.4574, 0.3348, 0.3565** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3414, 0.2904, 0.2999**, and the grayscale version is **71.0905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **37.4913, 0.3399, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **67.9681, 0.3518, 0.3768**, and if you desaturate by 10%, it is **75.1849, 0.3189, 0.3368**.

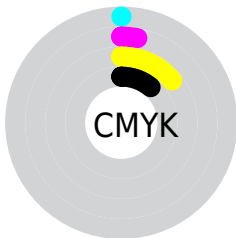
Distribution



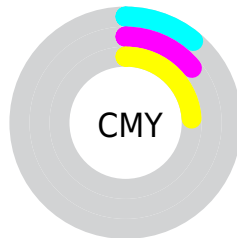
- Red (89%)
- Green (86%)
- Blue (76%)



- Red (80%)
- Yellow (89%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4574, 0.3348, 0.3565 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 71.4574, 0.3348, 0.3565 by changing the saturation by 10% instead.

■ 71.4574, 0.3348,
0.3565

■ 71.4574, 0.3348,
0.3565

465.6508, 0.3246,
0.3437

■ 52.7156, 0.3371,
0.3594

121.2848, 0.3312,
0.3520

■ 37.5757, 0.3400,
0.3631

153.1391, 0.3299,
0.3503

■ 25.6536, 0.3437,
0.3677

190.1330, 0.3287,
0.3488

■ 16.5647, 0.3484,
0.3738

232.6510, 0.3276,
0.3475

■ 9.9246, 0.3549,
0.3822

281.0774, 0.3267,
0.3464

■ 5.3490, 0.3642,
0.3943

335.7965, 0.3259,

■ 2.4534, 0.3784,

0.3454

0.4132

397.1929, 0.3252,
0.3445

0.8532, 0.4706,
0.5233

0.0000, 0.0000,
0.0000

71.4574, 0.3348,
0.3565

71.4574, 0.3348,
0.3565

67.9681, 0.3518,
0.3768

75.1849, 0.3189,
0.3368

64.6998, 0.3697,
0.3971

79.1484, 0.3042,
0.3180

61.6476, 0.3879,
0.4167

82.8271, 0.2954,
0.3084

58.8025, 0.4058,
0.4345

85.6771, 0.2955,
0.3134

■ 56.1548, 0.4227,
0.4497

■ 88.6055, 0.2956,
0.3185

■ 53.6937, 0.4377,
0.4611

■ 91.6129, 0.2957,
0.3234

■ 51.4067, 0.4502,
0.4679

■ 94.6998, 0.2958,
0.3284

■ 49.2786, 0.4597,
0.4700

■ 95.0621, 0.2958,
0.3290

■ 48.0804, 0.4643,
0.4696

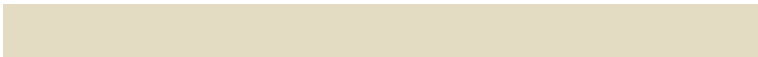
Harmonies

Analogous

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



71.4574, 0.3434, 0.3493



71.4574, 0.3348, 0.3565



71.4574, 0.3204, 0.3561

Triad

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



71.4574, 0.3348, 0.3565



71.4574, 0.2829, 0.3196



71.4574, 0.3207, 0.3111

Complementary

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



71.4574, 0.3348, 0.3565



59.3414, 0.2904, 0.2999

Split Complementary

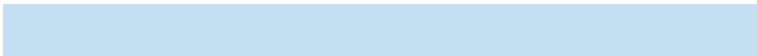
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.4574, 0.3044, 0.3035



71.4574, 0.3348, 0.3565



71.4574, 0.2829, 0.3079

Square

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



71.4574, 0.3348, 0.3565



71.4574, 0.2906, 0.3344



71.4574, 0.2907, 0.3022



71.4574, 0.3352, 0.3233

Rectangle

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



71.4574, 0.3348, 0.3565



71.4574, 0.3095, 0.3515



71.4574, 0.2907, 0.3022



71.4574, 0.3153, 0.3080

Sweetspot

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



71.4606, 0.3348, 0.3565



97.9589, 0.3188, 0.3367



59.6062, 0.3333, 0.3213



20.8863, 0.3199, 0.3381



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.



71.4606, 0.3348, 0.3565



91.6709, 0.3398, 0.3626



73.7367, 0.3272, 0.3645



15.4993, 0.3273, 0.3472



27.3558, 0.4634, 0.4702



2.0228, 0.4553, 0.4767

Inverse Universe

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



59.3414, 0.2904, 0.2999



72.8986, 0.2852, 0.2930



57.4104, 0.2969, 0.2924



13.7221, 0.2981, 0.3101



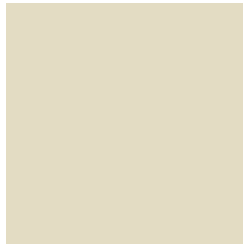
4.5258, 0.1564, 0.0830



0.4450, 0.1643, 0.1113

Previews

White Background



This preview shows how the Yxy color 71.4574, 0.3348, 0.3565 looks on a white background.

Color Contrast Check

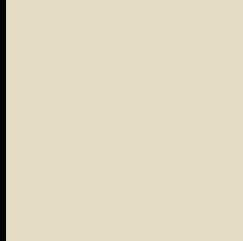
Large Text (above 18pt) WCAG AA × Fail

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 71.4574, 0.3348, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

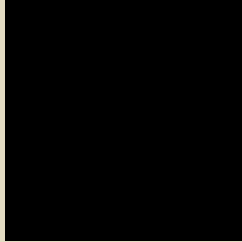
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

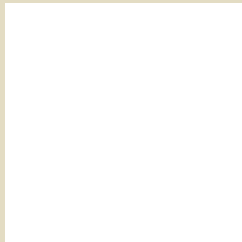
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4574, 0.3348, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 71.4574, 0.3348, 0.3565.

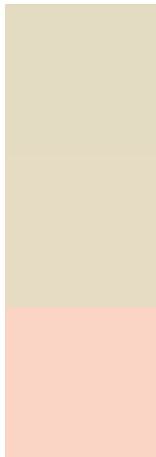


This preview shows how white text looks on a background with the Yxy color 71.4574, 0.3348, 0.3565.

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

71.4574, 0.3348, 0.3565

Protanopia

71.4262, 0.3372, 0.3552

Deuteranopia

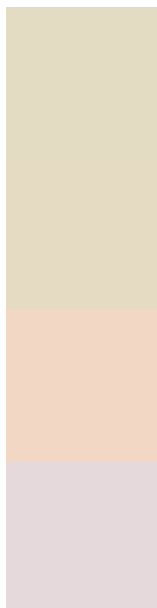
71.4422, 0.3525, 0.3447



Tritanopia

71.5829, 0.3136, 0.3111

Trichromacy



Original Color

71.4574, 0.3348, 0.3565

Protanomaly

71.2612, 0.3365, 0.3553

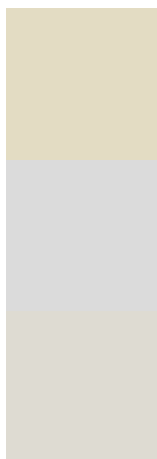
Deuteranomaly

71.4636, 0.3464, 0.3492

Tritanomaly

71.5632, 0.3208, 0.3269

Monochromacy



Original Color

71.4574, 0.3348, 0.3565

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.8458, 0.3209, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4574, 0.3348, 0.3565 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(227, 220, 195)` looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 195)  
}
```

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(227, 220, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 195) }
```

Border

The CSS property to change the border of an element to Yxy 71.4574, 0.3348, 0.3565 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(227, 220, 195) }
```

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

```
.border{ border-color:rgb(227, 220, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 220, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 195);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4574, 0.3348, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 220, 195) }
```

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

```
.background{ background-color: rgb(227,  
220, 195) }
```

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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