

Converting Colors

$Y_{xy}(70.8862, 0.3350, 0.3540)$

Have a look what the booklet for
Yxy(70.8862, 0.3350, 0.3540)
contains.

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Color

Yxy(71.1425, 0.3350, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	E4DBC4
RGB	228, 219, 196
RGB Percent	89%, 86%, 77%
CMY	0.1060, 0.1411, 0.2313
CMYK	0.00, 0.04, 0.14, 0.11
HSL	43°, 37%, 83%
HSV	43°, 14%, 89%
XYZ	67.2861, 71.1425, 62.4254
YIQ	219.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

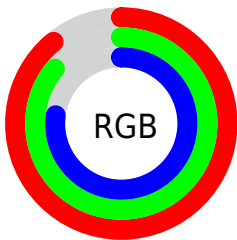
Format	Color
R_{YB}	209, 228, 196
Decimal	14998468
CIE _{Lab}	87.55, -0.73, 12.39
CIE _{LCh}	88, 12.415, 93.386
Yxy	71.1425, 0.3350, 0.3542
Android (android.graphics.Color)	4293188548 (0xFFE4DBC4)
YUV	219.0690, -11.3730, 7.8325
Hunter-Lab	84.3460, -5.2091, 15.1610

Details

The Yxy color **71.1425, 0.3350, 0.3542** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9968, 0.2906, 0.3025**, and the grayscale version is **70.9632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **37.2746, 0.3402, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **66.9116, 0.3526, 0.3730**, and if you desaturate by 10%, it is **75.6657, 0.3188, 0.3360**.

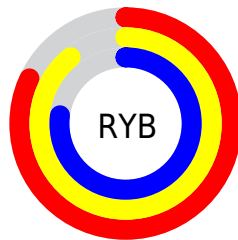
Distribution



Red (89%)

Green (86%)

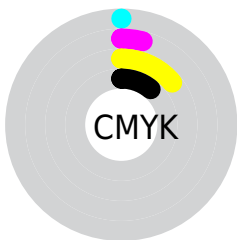
Blue (77%)



Red (82%)

Yellow (89%)

Blue (77%)

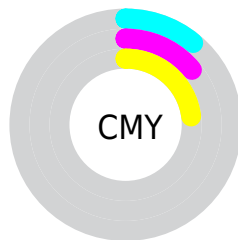


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (11%)



Cyan (11%)

Magenta (14%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1425, 0.3350, 0.3542 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 71.1425, 0.3350, 0.3542 by changing the saturation by 10% instead.

■ 71.1425, 0.3350,
0.3542

■ 71.1425, 0.3350,
0.3542

464.5514, 0.3247,
0.3425

■ 52.4585, 0.3374,
0.3569

120.8366, 0.3314,
0.3501

■ 37.3707, 0.3403,
0.3602

152.6155, 0.3300,
0.3485

■ 25.4946, 0.3440,
0.3645

189.5281, 0.3288,
0.3472

■ 16.4459, 0.3489,
0.3700

231.9589, 0.3278,
0.3460

■ 9.8403, 0.3555,
0.3776

280.2923, 0.3268,
0.3449

■ 5.2932, 0.3651,
0.3886

334.9125, 0.3260,

■ 2.4203, 0.3798,

0.3440

0.4058

396.2041, 0.3253,
0.3432

0.8363, 0.4688,
0.5046

0.0000, 0.0000,
0.0000

71.1425, 0.3350,
0.3542

71.1425, 0.3350,
0.3542

66.9116, 0.3526,
0.3730

75.6657, 0.3188,
0.3360

62.9550, 0.3713,
0.3919

80.4797, 0.3041,
0.3188

59.2668, 0.3908,
0.4102

84.9737, 0.2961,
0.3119

55.8371, 0.4105,
0.4269

88.7681, 0.2962,
0.3185

■ 52.6555, 0.4296,
0.4410

■ 92.6962, 0.2963,
0.3249

■ 49.7099, 0.4471,
0.4514

■ 95.2296, 0.2964,
0.3290

■ 46.9870, 0.4622,
0.4573

■ 44.4706, 0.4743,
0.4581

■ 43.0484, 0.4803,
0.4568

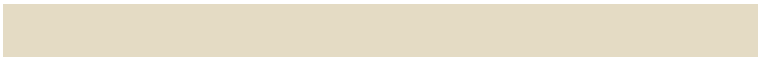
Harmonies

Analogous

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



71.1425, 0.3420, 0.3467



71.1425, 0.3350, 0.3542



71.1425, 0.3221, 0.3549

Triad

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



71.1425, 0.3350, 0.3542



71.1425, 0.2853, 0.3221



71.1425, 0.3181, 0.3109

Complementary

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



71.1425, 0.3350, 0.3542



60.9968, 0.2906, 0.3025

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.



71.1425, 0.3029, 0.3045



71.1425, 0.3350, 0.3542



71.1425, 0.2843, 0.3105

Square

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



71.1425, 0.3350, 0.3542



71.1425, 0.2935, 0.3360



71.1425, 0.2906, 0.3042



71.1425, 0.3321, 0.3218

Rectangle

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



71.1425, 0.3350, 0.3542



71.1425, 0.3120, 0.3512



71.1425, 0.2906, 0.3042



71.1425, 0.3129, 0.3081

Sweetspot

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



71.1456, 0.3350, 0.3542



97.5483, 0.3188, 0.3361



60.3935, 0.3315, 0.3190



20.7821, 0.3200, 0.3374



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.



71.1456, 0.3350, 0.3542



90.0009, 0.3403, 0.3600



74.8392, 0.3286, 0.3642



16.0978, 0.3274, 0.3458



25.0742, 0.4792, 0.4577



2.0079, 0.4684, 0.4663

Inverse Universe

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



60.9968, 0.2906, 0.3025



74.3746, 0.2854, 0.2960



57.7816, 0.2953, 0.2924



14.5421, 0.2981, 0.3116



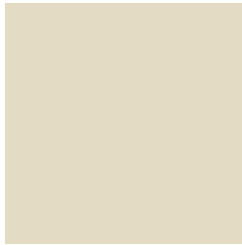
5.5219, 0.1599, 0.0957



0.5614, 0.1678, 0.1242

Previews

White Background



This preview shows how the Yxy color 71.1425, 0.3350, 0.3542 looks on a white background.

Color Contrast Check

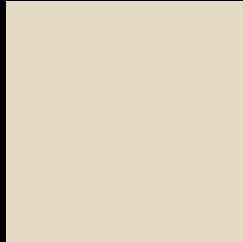
Large Text (above 18pt) WCAG AA × Fail

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 71.1425, 0.3350, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

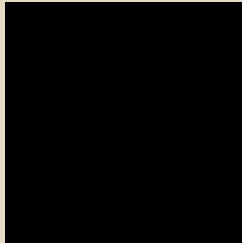
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

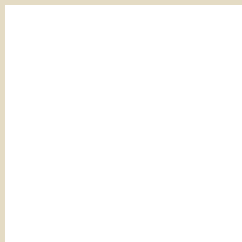
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1425, 0.3350, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 71.1425, 0.3350, 0.3542.

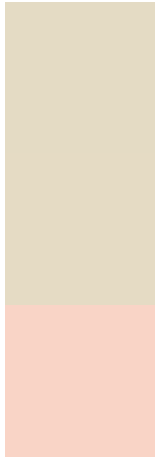


This preview shows how white text looks on a background with the Yxy color 71.1425, 0.3350, 0.3542.

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

71.1425, 0.3350, 0.3542

Protanopia

71.3066, 0.3358, 0.3542

Deuteranopia

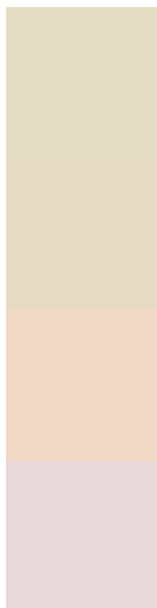
71.3039, 0.3509, 0.3437



Tritanopia

71.1863, 0.3150, 0.3111

Trichromacy



Original Color

71.1425, 0.3350, 0.3542

Protanomaly

71.3066, 0.3358, 0.3542

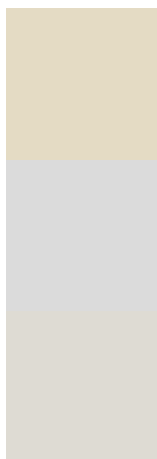
Deuteranomaly

71.3329, 0.3449, 0.3482

Tritanomaly

71.1626, 0.3223, 0.3269

Monochromacy



Original Color

71.1425, 0.3350, 0.3542

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.8958, 0.3202, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1425, 0.3350, 0.3542 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(228, 219, 196)` looks like.

```
.text, #text, p{  
    color:rgb(228, 219, 196)  
}
```

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(228, 219, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 219, 196) }
```

Border

The CSS property to change the border of an element to Yxy 71.1425, 0.3350, 0.3542 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(228, 219, 196) }
```

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

```
.border{ border-color:rgb(228, 219, 196) }
```

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

Here you see how a box with a 4 pixel rgb(228, 219, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 219, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 219, 196);  
box-shadow:4px 4px 4px 4px rgb(228, 219,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1425, 0.3350, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 219, 196) }
```

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

```
.background{ background-color: rgb(228,  
219, 196) }
```

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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