

Converting Colors

$Yxy(71.1957, 0.3314, 0.3548)$

Have a look what the booklet for
Yxy(71.1957, 0.3314, 0.3548)
contains.

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Color

Yxy(71.0649, 0.3312, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	E0DCC5
RGB	224, 220, 197
RGB Percent	88%, 86%, 77%
CMY	0.1216, 0.1372, 0.2274
CMYK	0.00, 0.02, 0.12, 0.12
HSL	51°, 30%, 83%
HSV	51°, 12%, 88%
XYZ	66.4128, 71.0649, 63.0440
YIQ	218.5740, 9.7670, -6.3050

Conversions

Conversions Part 2

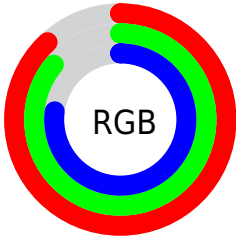
Format	Color
R_{YB}	202, 224, 197
Decimal	14736581
CIE _{Lab}	87.52, -2.51, 11.78
CIE _{LCh}	88, 12.045, 102.014
Yxy	71.0649, 0.3312, 0.3544
Android (android.graphics.Color)	4292926661 (0xFFE0DCC5)
YUV	218.5740, -10.6360, 4.7586
Hunter-Lab	84.3000, -6.9000, 14.6698

Details

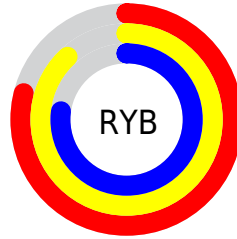
The Yxy color **71.0649, 0.3312, 0.3544** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0301, 0.2938, 0.3023**, and the grayscale version is **70.6002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **37.3285, 0.3361, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **68.3916, 0.3475, 0.3762**, and if you desaturate by 10%, it is **73.9316, 0.3158, 0.3332**.

Distribution



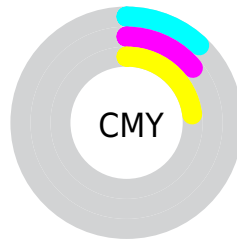
- Red (88%)
- Green (86%)
- Blue (77%)



- Red (79%)
- Yellow (88%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (12%)





- Cyan (12%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0649, 0.3312, 0.3544 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 71.0649, 0.3312, 0.3544 by changing the saturation by 10% instead.


 71.0649, 0.3312,
0.3544

 71.0649, 0.3312,
0.3544


464.2803, 0.3226,
0.3425

 52.3952, 0.3332,
0.3571


120.7261, 0.3282,
0.3503

 37.3201, 0.3356,
0.3605


152.4864, 0.3271,
0.3487

 25.4555, 0.3386,
0.3649

189.3790, 0.3261,
0.3473

 16.4167, 0.3426,
0.3706

231.7883, 0.3252,
0.3461

 9.8195, 0.3481,
0.3784

280.0987, 0.3245,
0.3450

 5.2795, 0.3559,
0.3898

334.6945, 0.3238,

 2.4121, 0.3679,

0.3441

0.4080

395.9603, 0.3232,
0.3433

0.8321, 0.4438,
0.5061

0.0000, 0.0000,
0.0000

71.0649, 0.3312,
0.3544

71.0649, 0.3312,
0.3544

68.3916, 0.3475,
0.3762

73.9316, 0.3158,
0.3332

65.8955, 0.3643,
0.3981

76.9888, 0.3014,
0.3131

63.5722, 0.3812,
0.4192

79.6383, 0.2935,
0.3032

61.4138, 0.3975,
0.4386

81.5023, 0.2936,
0.3067

■ 59.4114, 0.4126,
0.4554

■ 83.4017, 0.2936,
0.3102

■ 57.5552, 0.4257,
0.4685

■ 85.3366, 0.2937,
0.3136

■ 55.8340, 0.4363,
0.4773

■ 87.3072, 0.2938,
0.3170

■ 54.2343, 0.4440,
0.4814

■ 89.3138, 0.2939,
0.3204

■ 53.0318, 0.4485,
0.4821

■ 91.3564, 0.2939,
0.3238

Harmonies

Analogous

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



71.0649, 0.3399, 0.3488



71.0649, 0.3312, 0.3544



71.0649, 0.3176, 0.3530

Triad

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



71.0649, 0.3312, 0.3544



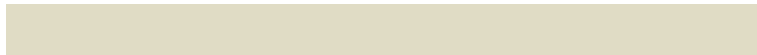
71.0649, 0.2851, 0.3187



71.0649, 0.3221, 0.3141

Complementary

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



71.0649, 0.3312, 0.3544



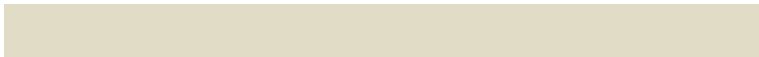
59.0301, 0.2938, 0.3023

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.



71.0649, 0.3073, 0.3064



71.0649, 0.3312, 0.3544



71.0649, 0.2862, 0.3087

Square

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



71.0649, 0.3312, 0.3544



71.0649, 0.2912, 0.3319



71.0649, 0.2942, 0.3044



71.0649, 0.3346, 0.3256

Rectangle

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



71.0649, 0.3312, 0.3544



71.0649, 0.3078, 0.3481



71.0649, 0.2942, 0.3044



71.0649, 0.3172, 0.3110

Sweetspot

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



71.0680, 0.3312, 0.3544



98.4001, 0.3187, 0.3373



60.0039, 0.3313, 0.3245



20.9983, 0.3199, 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.



71.0680, 0.3312, 0.3544



94.5826, 0.3345, 0.3588



71.7242, 0.3238, 0.3593



15.6654, 0.3271, 0.3488



31.0009, 0.4480, 0.4825



2.2442, 0.4429, 0.4866

Inverse Universe

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



59.0301, 0.2938, 0.3023



75.9546, 0.2903, 0.2973



58.5056, 0.3007, 0.2982



13.5693, 0.2981, 0.3084



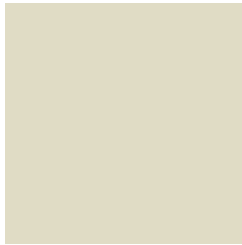
3.8742, 0.1535, 0.0725



0.3729, 0.1601, 0.0962

Previews

White Background



This preview shows how the Yxy color 71.0649, 0.3312, 0.3544 looks on a white background.

Color Contrast Check

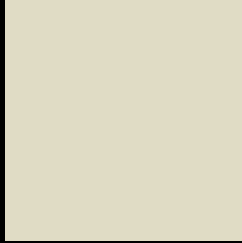
Large Text (above 18pt) WCAG AA × Fail

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 71.0649, 0.3312, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

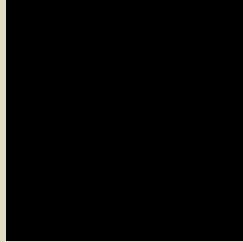
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

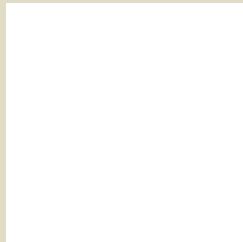
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0649, 0.3312, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 71.0649, 0.3312, 0.3544.



This preview shows how white text looks on a background with the Yxy color 71.0649, 0.3312, 0.3544.

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

71.0649, 0.3312, 0.3544

Protanopia

71.3066, 0.3358, 0.3542

Deuteranopia

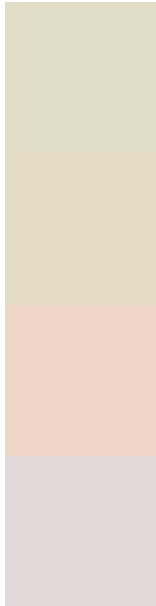
70.6685, 0.3496, 0.3416



Tritanopia

71.0851, 0.3114, 0.3110

Trichromacy



Original Color

71.0649, 0.3312, 0.3544

Protanomaly

70.9795, 0.3343, 0.3543

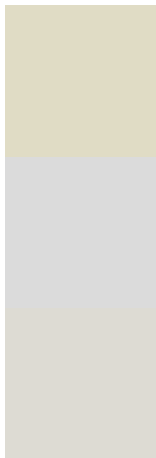
Deuteranomaly

70.5211, 0.3428, 0.3462

Tritanomaly

71.0711, 0.3186, 0.3269

Monochromacy



Original Color

71.0649, 0.3312, 0.3544

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.7383, 0.3195, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0649, 0.3312, 0.3544 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(224, 220, 197)` looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 197)  
}
```

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(224, 220, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 197) }
```

Border

The CSS property to change the border of an element to Yxy 71.0649, 0.3312, 0.3544 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(224, 220, 197) }
```

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

```
.border{ border-color:rgb(224, 220, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 220, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 197);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0649, 0.3312, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 197) }
```

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

```
.background{ background-color: rgb(224,  
220, 197) }
```

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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