

Converting Colors

$Yxy(71.8900, 0.3325, 0.3528)$

Have a look what the booklet for
Yxy(71.8900, 0.3325, 0.3528)
contains.

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Color

Yxy(71.6408, 0.3321, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	E3DCC7
RGB	227, 220, 199
RGB Percent	89%, 86%, 78%
CMY	0.1096, 0.1373, 0.2196
CMYK	0.00, 0.03, 0.12, 0.11
HSL	45°, 33%, 84%
HSV	45°, 12%, 89%
XYZ	67.5907, 71.6408, 64.2935
YIQ	219.6990, 10.9130, -5.0470

Conversions

Conversions Part 2

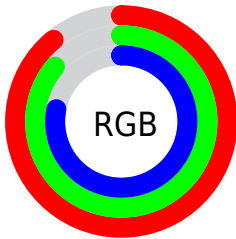
Format	Color
R _Y B	208, 227, 199
Decimal	14933191
CIE Lab	87.80, -1.10, 11.17
CIE LCh	88, 11.222, 95.634
Yxy	71.6408, 0.3321, 0.3520
Android (android.graphics.Color)	4293123271 (0xFFE3DCC7)
YUV	219.6990, -10.2046, 6.4030
Hunter-Lab	84.6409, -5.5790, 14.2117

Details

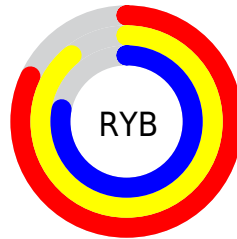
The Yxy color **71.6408, 0.3321, 0.3520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8561, 0.2933, 0.3049**, and the grayscale version is **71.4217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7253, 0.3372, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **67.7205, 0.3492, 0.3714**, and if you desaturate by 10%, it is **75.8271, 0.3163, 0.3333**.

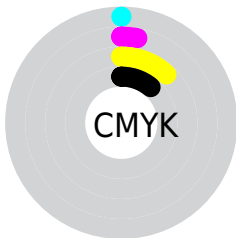
Distribution



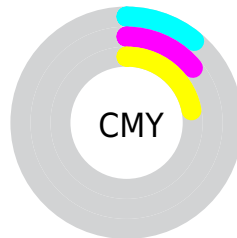
- Red (89%)
- Green (86%)
- Blue (78%)



- Red (82%)
- Yellow (89%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6408, 0.3321, 0.3520 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 71.6408, 0.3321, 0.3520 by changing the saturation by 10% instead.

■ 71.6408, 0.3321,
0.3520

■ 71.6408, 0.3321,
0.3520

466.2904, 0.3231,
0.3413

■ 52.8653, 0.3342,
0.3545

121.5457, 0.3290,
0.3483

■ 37.6953, 0.3367,
0.3575

153.4439, 0.3278,
0.3468

■ 25.7463, 0.3399,
0.3614

190.4851, 0.3267,
0.3456

■ 16.6339, 0.3441,
0.3665

233.0538, 0.3258,
0.3445

■ 9.9738, 0.3499,
0.3734

281.5342, 0.3250,
0.3436

■ 5.3816, 0.3582,
0.3835

336.3109, 0.3243,

■ 2.4729, 0.3710,

0.3427

0.3993

397.7681, 0.3237,
0.3420

0.8630, 0.4371,
0.4754

0.0000, 0.0000,
0.0000

71.6408, 0.3321,
0.3520

71.6408, 0.3321,
0.3520

67.7205, 0.3492,
0.3714

75.8271, 0.3163,
0.3333

64.0489, 0.3674,
0.3910

80.2776, 0.3018,
0.3155

60.6205, 0.3862,
0.4100

84.1978, 0.2955,
0.3108

57.4263, 0.4052,
0.4276

87.5595, 0.2956,
0.3167

■ 54.4563, 0.4234,
0.4428

■ 91.0275, 0.2957,
0.3225

■ 51.6995, 0.4402,
0.4543

■ 94.6027, 0.2958,
0.3282

■ 49.1432, 0.4545,
0.4615

■ 95.0786, 0.2958,
0.3290

■ 46.7726, 0.4659,
0.4637

■ 45.0678, 0.4729,
0.4627

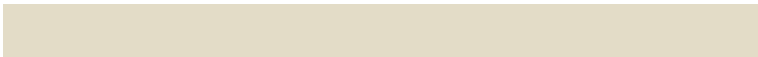
Harmonies

Analogous

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



71.6408, 0.3388, 0.3457



71.6408, 0.3321, 0.3520



71.6408, 0.3202, 0.3521

Triad

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



71.6408, 0.3321, 0.3520



71.6408, 0.2877, 0.3219



71.6408, 0.3186, 0.3132

Complementary

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



71.6408, 0.3321, 0.3520



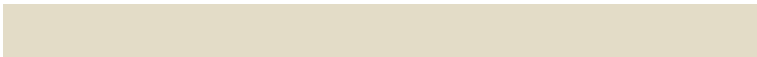
61.8561, 0.2933, 0.3049

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.



71.6408, 0.3048, 0.3071



71.6408, 0.3321, 0.3520



71.6408, 0.2872, 0.3118

Square

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



71.6408, 0.3321, 0.3520



71.6408, 0.2947, 0.3344



71.6408, 0.2934, 0.3065



71.6408, 0.3310, 0.3234

Rectangle

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



71.6408, 0.3321, 0.3520



71.6408, 0.3110, 0.3484



71.6408, 0.2934, 0.3065



71.6408, 0.3140, 0.3106

Sweetspot

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



71.6440, 0.3321, 0.3520



97.7346, 0.3188, 0.3363



61.6618, 0.3294, 0.3208



20.8294, 0.3200, 0.3377



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.



71.6440, 0.3321, 0.3520



91.7919, 0.3367, 0.3573



74.3813, 0.3264, 0.3599



16.1711, 0.3274, 0.3465



26.4663, 0.4719, 0.4635



2.1012, 0.4626, 0.4709

Inverse Universe

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



61.8561, 0.2933, 0.3049



76.5274, 0.2887, 0.2991



59.4485, 0.2979, 0.2971



14.4732, 0.2980, 0.3109



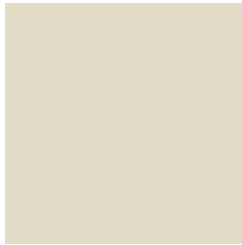
5.1030, 0.1582, 0.0895



0.5224, 0.1659, 0.1173

Previews

White Background



This preview shows how the Yxy color 71.6408, 0.3321, 0.3520 looks on a white background.

Color Contrast Check

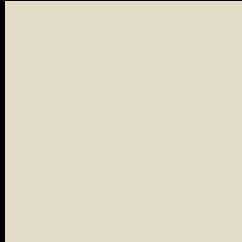
Large Text (above 18pt) WCAG AA × Fail

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 71.6408, 0.3321, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

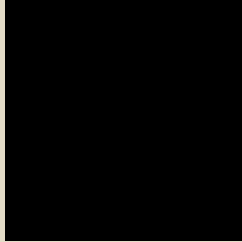
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

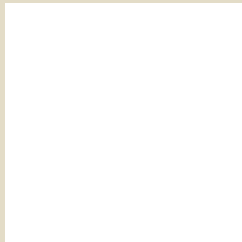
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6408, 0.3321, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 71.6408, 0.3321, 0.3520.

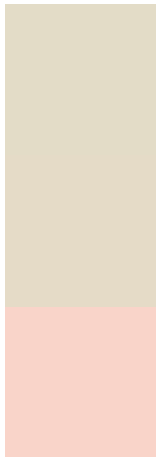


This preview shows how white text looks on a background with the Yxy color 71.6408, 0.3321, 0.3520.

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

71.6408, 0.3321, 0.3520

Protanopia

71.4446, 0.3337, 0.3508

Deuteranopia

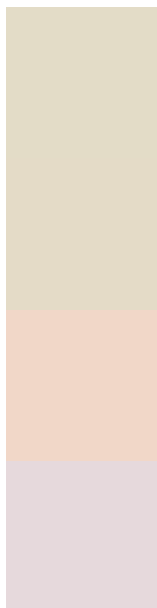
71.4438, 0.3487, 0.3405



Tritanopia

71.5829, 0.3136, 0.3111

Trichromacy



Original Color

71.6408, 0.3321, 0.3520

Protanomaly

71.2805, 0.3329, 0.3509

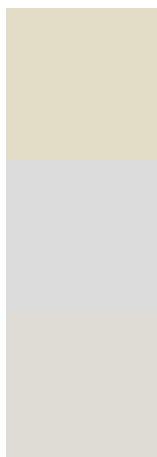
Deuteranomaly

71.4718, 0.3427, 0.3450

Tritanomaly

71.6160, 0.3201, 0.3258

Monochromacy



Original Color

71.6408, 0.3321, 0.3520

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.6278, 0.3202, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6408, 0.3321, 0.3520 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 199) }
```

Border

The CSS property to change the border of an element to Yxy 71.6408, 0.3321, 0.3520 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, 199) }
```

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

```
.border{ border-color:rgb(227, 220, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 199);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6408, 0.3321, 0.3520 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, 199) }
```

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

```
.background{ background-color: rgb(227,  
220, 199) }
```

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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