

Converting Colors

Yxy(71.4411, 0.3284, 0.3401)

Have a look what the booklet for
Yxy(71.4411, 0.3284, 0.3401)
contains.

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Color

Yxy(71.5199, 0.3283, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	E6DAD0
RGB	230, 218, 208
RGB Percent	90%, 85%, 82%
CMY	0.0979, 0.1451, 0.1842
CMYK	0.00, 0.05, 0.10, 0.10
HSL	27°, 31%, 86%
HSV	27°, 10%, 90%
XYZ	69.0994, 71.5199, 69.8571
YIQ	220.4480, 10.3620, -0.5660

Conversions

Conversions Part 2

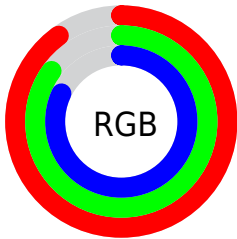
Format	Color
R _Y B	230, 226, 208
Decimal	15129296
CIE Lab	87.74, 2.45, 6.36
CIE LCh	88, 6.815, 68.961
Yxy	71.5199, 0.3283, 0.3398
Android (android.graphics.Color)	4293319376 (0xFFE6DAD0)
YUV	220.4480, -6.1369, 8.3771
Hunter-Lab	84.5694, -2.1490, 10.2231

Details

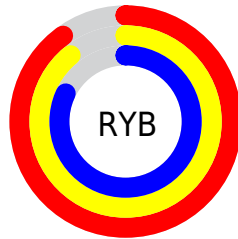
The Yxy color **71.5199, 0.3283, 0.3398** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3513, 0.2979, 0.3180**, and the grayscale version is **71.9432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5262, 0.3314, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **64.1899, 0.3470, 0.3517**, and if you desaturate by 10%, it is **79.5161, 0.3121, 0.3285**.

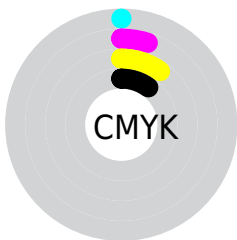
Distribution



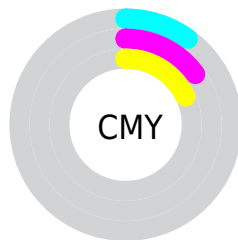
- Red (90%)
- Green (85%)
- Blue (82%)



- Red (90%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5199, 0.3283, 0.3398 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 71.5199, 0.3283, 0.3398 by changing the saturation by 10% instead.

■ 71.5199, 0.3283,
0.3398

■ 71.5199, 0.3283,
0.3398

465.8688, 0.3210,
0.3348

■ 52.7666, 0.3300,
0.3409

121.3737, 0.3258,
0.3381

■ 37.6165, 0.3320,
0.3423

153.2430, 0.3248,
0.3374

■ 25.6852, 0.3347,
0.3441

190.2530, 0.3239,
0.3368

■ 16.5883, 0.3381,
0.3464

232.7883, 0.3232,
0.3363

■ 9.9414, 0.3429,
0.3496

281.2331, 0.3226,
0.3359

■ 5.3601, 0.3499,
0.3541

335.9718, 0.3220,

■ 2.4601, 0.3609,

0.3355

0.3612

397.3890, 0.3215,
0.3351

0.8565, 0.3940,
0.3860

0.0000, 0.0000,
0.0000

71.5199, 0.3283,
0.3398

71.5199, 0.3283,
0.3398

64.1899, 0.3470,
0.3517

79.5161, 0.3121,
0.3285

57.4987, 0.3685,
0.3641

88.1863, 0.2980,
0.3180

51.4306, 0.3928,
0.3764

95.5678, 0.2976,
0.3290

45.9656, 0.4198,
0.3880

■ 41.0826, 0.4488,
0.3978

■ 36.7590, 0.4787,
0.4046

■ 32.9699, 0.5078,
0.4071

■ 29.6881, 0.5340,
0.4044

■ 26.8765, 0.5558,
0.3965

Harmonies

Analogous

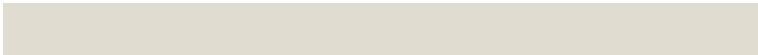
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5199, 0.3285, 0.3337



71.5199, 0.3283, 0.3398



71.5199, 0.3238, 0.3431

Triad

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



71.5199, 0.3283, 0.3398



71.5199, 0.3011, 0.3315



71.5199, 0.3089, 0.3158

Complementary

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



71.5199, 0.3283, 0.3398



70.3513, 0.2979, 0.3180

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.



71.5199, 0.3016, 0.3151



71.5199, 0.3283, 0.3398



71.5199, 0.2972, 0.3240

Square

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



71.5199, 0.3283, 0.3398



71.5199, 0.3081, 0.3384



71.5199, 0.2974, 0.3181



71.5199, 0.3172, 0.3199

Rectangle

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



71.5199, 0.3283, 0.3398



71.5199, 0.3191, 0.3433



71.5199, 0.2974, 0.3181



71.5199, 0.3062, 0.3152

Sweetspot

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



71.5230, 0.3283, 0.3398



96.8755, 0.3174, 0.3323



67.1296, 0.3208, 0.3160



20.5594, 0.3187, 0.3332



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.



71.5230, 0.3283, 0.3398



88.9192, 0.3309, 0.3416



77.3829, 0.3270, 0.3513



15.4376, 0.3281, 0.3397



15.3847, 0.5541, 0.3982



1.3204, 0.5295, 0.4178

Inverse Universe

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



70.3513, 0.2979, 0.3180



87.2241, 0.2956, 0.3161



64.7952, 0.2978, 0.3056



15.1876, 0.2981, 0.3181



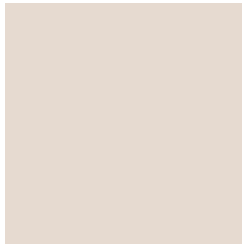
11.9072, 0.1817, 0.1742



1.0650, 0.1885, 0.1987

Previews

White Background



This preview shows how the Yxy color 71.5199, 0.3283, 0.3398 looks on a white background.

Color Contrast Check

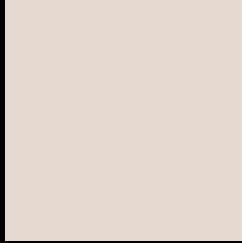
Large Text (above 18pt) WCAG AA × Fail

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 71.5199, 0.3283, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

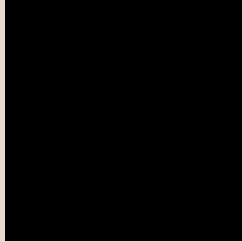
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

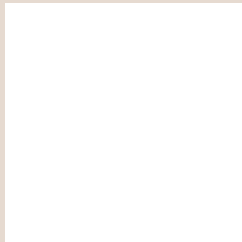
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5199, 0.3283, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 71.5199, 0.3283, 0.3398.

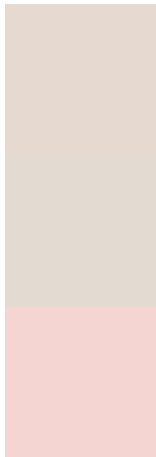


This preview shows how white text looks on a background with the Yxy color 71.5199, 0.3283, 0.3398.

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

71.5199, 0.3283, 0.3398

Protanopia

71.5974, 0.3253, 0.3399

Deuteranopia

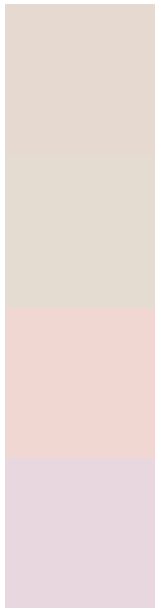
71.6044, 0.3396, 0.3333



Tritanopia

71.1863, 0.3150, 0.3111

Trichromacy



Original Color

71.5199, 0.3283, 0.3398

Protanomaly

71.7605, 0.3260, 0.3399

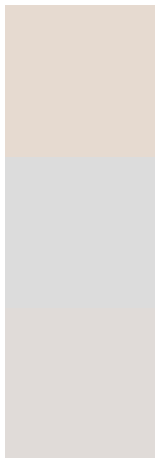
Deuteranomaly

71.7296, 0.3355, 0.3354

Tritanomaly

71.0844, 0.3197, 0.3205

Monochromacy



Original Color

71.5199, 0.3283, 0.3398

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4682, 0.3183, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5199, 0.3283, 0.3398 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(230, 218, 208)` looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 208)  
}
```

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(230, 218, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 208) }
```

Border

The CSS property to change the border of an element to Yxy 71.5199, 0.3283, 0.3398 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(230, 218, 208) }
```

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

```
.border{ border-color:rgb(230, 218, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 218, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 208);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5199, 0.3283, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 208) }
```

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

```
.background{ background-color: rgb(230,  
218, 208) }
```

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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