

Converting Colors

Yxy(71.9382, 0.3201, 0.3402)

Have a look what the booklet for
Yxy(71.9382, 0.3201, 0.3402)
contains.

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Color

Yxy(71.9456, 0.3201, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	DEDDD3
RGB	222, 221, 211
RGB Percent	87%, 87%, 83%
CMY	0.1294, 0.1333, 0.1727
CMYK	0.00, 0.00, 0.05, 0.13
HSL	55°, 14%, 85%
HSV	55°, 5%, 87%
XYZ	67.7347, 71.9456, 71.9244
YIQ	220.1590, 3.8060, -2.8980

Conversions

Conversions Part 2

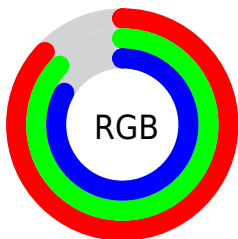
Format	Color
R _Y B	212, 222, 211
Decimal	14605779
CIE Lab	87.94, -1.42, 5.03
CIE LCh	88, 5.226, 105.751
Yxy	71.9456, 0.3201, 0.3400
Android (android.graphics.Color)	4292795859 (0xFFDEDDD3)
YUV	220.1590, -4.5154, 1.6146
Hunter-Lab	84.8208, -5.8929, 9.0991

Details

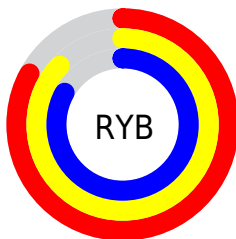
The Yxy color **71.9456, 0.3201, 0.3400** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1850, 0.3052, 0.3178**, and the grayscale version is **71.7174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9222, 0.3215, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **69.8661, 0.3356, 0.3628**, and if you desaturate by 10%, it is **74.1976, 0.3055, 0.3181**.

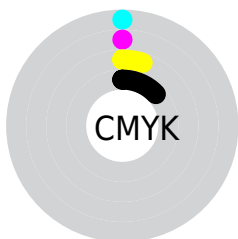
Distribution



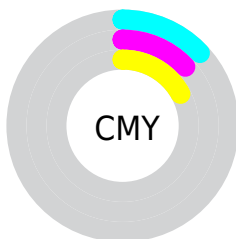
- Red (87%)
- Green (87%)
- Blue (83%)



- Red (83%)
- Yellow (87%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9456, 0.3201, 0.3400 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 71.9456, 0.3201, 0.3400 by changing the saturation by 10% instead.

■ 71.9456, 0.3201,
0.3400

■ 71.9456, 0.3201,
0.3400

467.3522, 0.3167,
0.3349

■ 53.1142, 0.3209,
0.3412

121.9792, 0.3189,
0.3382

■ 37.8940, 0.3218,
0.3426

153.9502, 0.3185,
0.3375

■ 25.9004, 0.3231,
0.3445

191.0699, 0.3181,
0.3369

■ 16.7492, 0.3247,
0.3469

233.7226, 0.3177,
0.3364

■ 10.0558, 0.3269,
0.3503

282.2929, 0.3174,
0.3360

■ 5.4360, 0.3301,
0.3552

337.1649, 0.3171,

■ 2.5053, 0.3351,

0.3356

0.3630

398.7233, 0.3169,
0.3352

■ 0.8793, 0.3504,
0.3846

■ 0.0000, 0.0000,
0.0000

■ 71.9456, 0.3201,
0.3400

■ 71.9456, 0.3201,
0.3400

■ 69.8661, 0.3356,
0.3628

■ 74.1976, 0.3055,
0.3181

■ 67.9434, 0.3515,
0.3860

■ 76.5947, 0.2921,
0.2979

■ 66.1740, 0.3676,
0.4089

■ 77.6773, 0.2921,
0.3000

■ 64.5504, 0.3833,
0.4306

■ 78.7726, 0.2922,
0.3021

63.0649, 0.3978,
0.4502

79.8804, 0.2922,
0.3042

61.7087, 0.4107,
0.4667

81.0009, 0.2923,
0.3063

60.4721, 0.4213,
0.4792

82.1342, 0.2923,
0.3084

59.3436, 0.4291,
0.4874

83.2802, 0.2924,
0.3104

58.3094, 0.4343,
0.4911

84.4390, 0.2924,
0.3125

Harmonies

Analogous

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



71.9456, 0.3241, 0.3381



71.9456, 0.3201, 0.3400



71.9456, 0.3141, 0.3389

Triad

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



71.9456, 0.3201, 0.3400



71.9456, 0.3005, 0.3240



71.9456, 0.3176, 0.3230

Complementary

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



71.9456, 0.3201, 0.3400



66.1850, 0.3052, 0.3178

Split Complementary

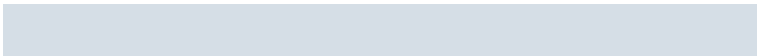
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9456, 0.3112, 0.3194



71.9456, 0.3201, 0.3400



71.9456, 0.3014, 0.3199

Square

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



71.9456, 0.3201, 0.3400



71.9456, 0.3029, 0.3296



71.9456, 0.3053, 0.3182



71.9456, 0.3227, 0.3283

Rectangle

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



71.9456, 0.3201, 0.3400



71.9456, 0.3099, 0.3366



71.9456, 0.3053, 0.3182



71.9456, 0.3155, 0.3216

Sweetspot

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



71.9487, 0.3201, 0.3400



99.6910, 0.3142, 0.3312



66.8603, 0.3202, 0.3278



21.3412, 0.3141, 0.3311



0.0000, 0.0000, 0.0000



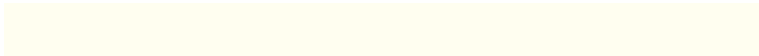
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9487, 0.3201, 0.3400



98.1812, 0.3217, 0.3424



71.7850, 0.3168, 0.3412



15.9418, 0.3226, 0.3437



34.4255, 0.4359, 0.4921



2.4486, 0.4330, 0.4944

Inverse Universe

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



66.1850, 0.3052, 0.3178



88.6460, 0.3035, 0.3152



66.3526, 0.3084, 0.3168



14.2515, 0.3026, 0.3139



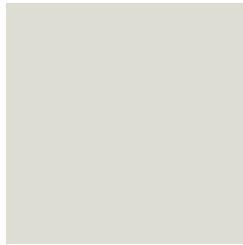
3.4967, 0.1517, 0.0662



0.3115, 0.1563, 0.0825

Previews

White Background



This preview shows how the Yxy color 71.9456, 0.3201, 0.3400 looks on a white background.

Color Contrast Check

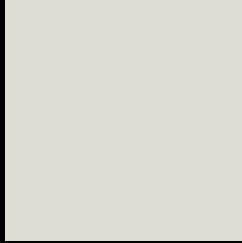
Large Text (above 18pt) WCAG AA × Fail

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 71.9456, 0.3201, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

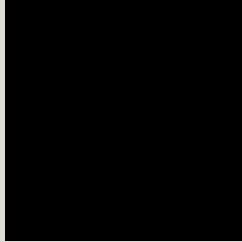
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

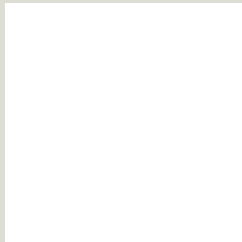
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9456, 0.3201, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 71.9456, 0.3201, 0.3400.

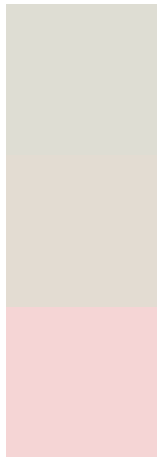


This preview shows how white text looks on a background with the Yxy color 71.9456, 0.3201, 0.3400.

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

71.9456, 0.3201, 0.3400

Protanopia

72.1704, 0.3245, 0.3399

Deuteranopia

71.8051, 0.3367, 0.3291



Tritanopia

71.7926, 0.3072, 0.3099

Trichromacy



Original Color

71.9456, 0.3201, 0.3400

Protanomaly

71.8471, 0.3230, 0.3399

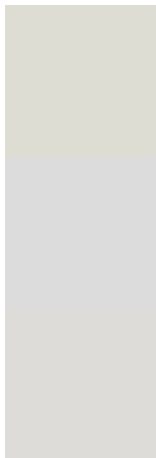
Deuteranomaly

71.8697, 0.3310, 0.3333

Tritanomaly

71.6413, 0.3124, 0.3204

Monochromacy



Original Color

71.9456, 0.3201, 0.3400

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5683, 0.3154, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9456, 0.3201, 0.3400 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(222, 221, 211)` looks like.

```
.text, #text, p{  
    color:rgb(222, 221, 211)  
}
```

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(222, 221, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 221, 211) }
```

Border

The CSS property to change the border of an element to Yxy 71.9456, 0.3201, 0.3400 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(222, 221, 211) }
```

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

```
.border{ border-color:rgb(222, 221, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 221, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 221, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 221, 211);  
box-shadow:4px 4px 4px 4px rgb(222, 221,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9456, 0.3201, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 221, 211) }
```

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

```
.background{ background-color: rgb(222,  
221, 211) }
```

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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