

Converting Colors

$Yxy(71.7001, 0.3255, 0.3455)$

Have a look what the booklet for
Yxy(71.7001, 0.3255, 0.3455)
contains.

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Color

Yxy(71.4415, 0.3257, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	E0DCCD
RGB	224, 220, 205
RGB Percent	88%, 86%, 80%
CMY	0.1216, 0.1372, 0.1961
CMYK	0.00, 0.02, 0.08, 0.12
HSL	47°, 23%, 84%
HSV	47°, 8%, 88%
XYZ	67.3473, 71.4415, 67.9883
YIQ	219.4860, 7.1990, -3.8170

Conversions

Conversions Part 2

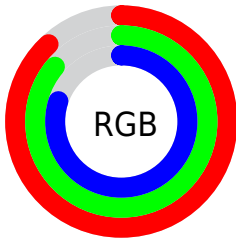
Format	Color
R _Y B	210, 224, 205
Decimal	14736589
CIE Lab	87.70, -1.22, 7.85
CIE LCh	88, 7.942, 98.856
Yxy	71.4415, 0.3257, 0.3455
Android (android.graphics.Color)	4292926669 (0xFFE0DCCD)
YUV	219.4860, -7.1416, 3.9588
Hunter-Lab	84.5231, -5.6880, 11.4747

Details

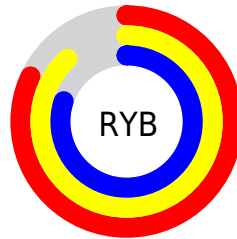
The Yxy color **71.4415, 0.3257, 0.3455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9376, 0.2996, 0.3119**, and the grayscale version is **71.2400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5796, 0.3289, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **68.0165, 0.3421, 0.3657**, and if you desaturate by 10%, it is **75.0964, 0.3105, 0.3261**.

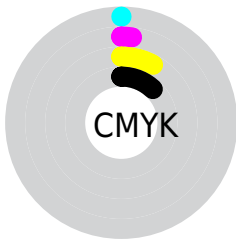
Distribution



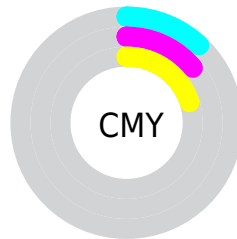
- Red (88%)
- Green (86%)
- Blue (80%)



- Red (82%)
- Yellow (88%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4415, 0.3257, 0.3455 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 71.4415, 0.3257, 0.3455 by changing the saturation by 10% instead.

■ 71.4415, 0.3257,
0.3455

■ 71.4415, 0.3257,
0.3455

465.5953, 0.3197,
0.3378

■ 52.7026, 0.3271,
0.3473

121.2622, 0.3236,
0.3428

■ 37.5654, 0.3288,
0.3495

153.1127, 0.3228,
0.3418

■ 25.6455, 0.3310,
0.3523

190.1025, 0.3221,
0.3409

■ 16.5587, 0.3338,
0.3559

232.6161, 0.3215,
0.3401

■ 9.9203, 0.3377,
0.3610

281.0377, 0.3210,
0.3394

■ 5.3462, 0.3433,
0.3683

335.7519, 0.3205,

■ 2.4518, 0.3522,

0.3388

397.1430, 0.3201,
0.3383

0.3800

0.8523, 0.3878,
0.4236

0.0000, 0.0000,
0.0000

71.4415, 0.3257,
0.3455

71.4415, 0.3257,
0.3455

68.0165, 0.3421,
0.3657

75.0964, 0.3105,
0.3261

64.8049, 0.3594,
0.3862

78.9785, 0.2965,
0.3078

61.8023, 0.3773,
0.4065

81.9407, 0.2936,
0.3075

59.0005, 0.3953,
0.4255

84.6419, 0.2937,
0.3124

■ 56.3906, 0.4126,
0.4425

■ 87.4141, 0.2938,
0.3172

■ 53.9629, 0.4285,
0.4562

■ 90.2577, 0.2939,
0.3220

■ 51.7063, 0.4423,
0.4658

■ 93.1733, 0.2940,
0.3267

■ 49.6078, 0.4532,
0.4707

■ 94.5844, 0.2940,
0.3289

■ 47.6486, 0.4613,
0.4711

Harmonies

Analogous

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



71.4415, 0.3309, 0.3415



71.4415, 0.3257, 0.3455



71.4415, 0.3170, 0.3450

Triad

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



71.4415, 0.3257, 0.3455



71.4415, 0.2946, 0.3232



71.4415, 0.3179, 0.3184

Complementary

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



71.4415, 0.3257, 0.3455



63.9376, 0.2996, 0.3119

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.



71.4415, 0.3082, 0.3136



71.4415, 0.3257, 0.3455



71.4415, 0.2948, 0.3162

Square

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



71.4415, 0.3257, 0.3455



71.4415, 0.2992, 0.3319



71.4415, 0.2998, 0.3128



71.4415, 0.3264, 0.3259

Rectangle

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



71.4415, 0.3257, 0.3455



71.4415, 0.3105, 0.3421



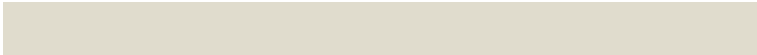
71.4415, 0.2998, 0.3128



71.4415, 0.3147, 0.3164

Sweetspot

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



71.4446, 0.3257, 0.3455



98.5013, 0.3172, 0.3348



64.1093, 0.3243, 0.3245



20.9986, 0.3185, 0.3364



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.



71.4446, 0.3257, 0.3455



95.1123, 0.3282, 0.3487



72.7069, 0.3214, 0.3500



15.5178, 0.3272, 0.3474



27.7426, 0.4616, 0.4717



2.0465, 0.4539, 0.4778

Inverse Universe

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



63.9376, 0.2996, 0.3119



83.2789, 0.2971, 0.3085



62.7931, 0.3036, 0.3076



13.7051, 0.2981, 0.3099



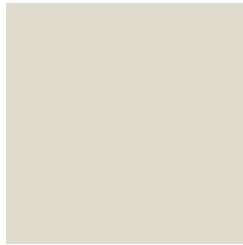
4.4413, 0.1560, 0.0817



0.4369, 0.1638, 0.1096

Previews

White Background



This preview shows how the Yxy color 71.4415, 0.3257, 0.3455 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 71.4415, 0.3257, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

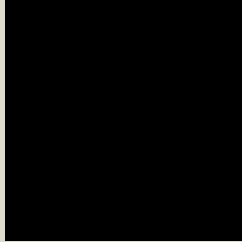
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

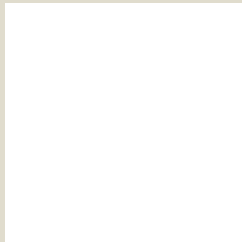
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4415, 0.3257, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 71.4415, 0.3257, 0.3455.

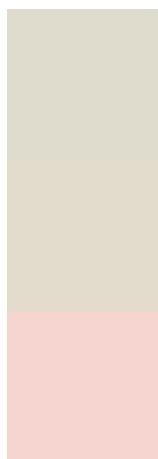


This preview shows how white text looks on a background with the Yxy color 71.4415, 0.3257, 0.3455.

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

71.4415, 0.3257, 0.3455

Protanopia

71.3536, 0.3287, 0.3454

Deuteranopia

71.1848, 0.3420, 0.3343



Tritanopia

71.4889, 0.3100, 0.3110

Trichromacy



Original Color

71.4415, 0.3257, 0.3455

Protanomaly

71.1914, 0.3280, 0.3454

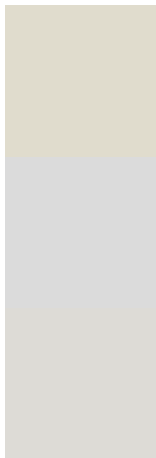
Deuteranomaly

71.2343, 0.3361, 0.3386

Tritanomaly

71.2843, 0.3159, 0.3226

Monochromacy



Original Color

71.4415, 0.3257, 0.3455

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.8902, 0.3175, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4415, 0.3257, 0.3455 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 205) }
```

Border

The CSS property to change the border of an element to Yxy 71.4415, 0.3257, 0.3455 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, 205) }
```

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

```
.border{ border-color:rgb(224, 220, 205) }
```

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, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 205);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4415, 0.3257, 0.3455 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, 205) }
```

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

```
.background{ background-color: rgb(224,  
220, 205) }
```

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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