

Converting Colors

Yxy(68.9510, 0.3212, 0.3377)

Have a look what the booklet for
Yxy(68.9510, 0.3212, 0.3377)
contains.

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Color

Yxy(68.8814, 0.3211, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	DCD8D0
RGB	220, 216, 208
RGB Percent	86%, 85%, 82%
CMY	0.1372, 0.1529, 0.1843
CMYK	0.00, 0.02, 0.05, 0.14
HSL	40°, 15%, 84%
HSV	40°, 5%, 86%
XYZ	65.4567, 68.8814, 69.5133
YIQ	216.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

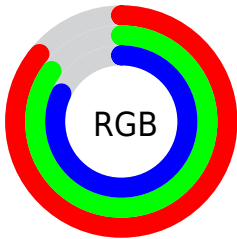
Format	Color
R_{YB}	214, 220, 208
Decimal	14473424
CIE Lab	86.45, -0.03, 4.42
CIE LCh	86, 4.417, 90.379
Yxy	68.8814, 0.3211, 0.3379
Android (android.graphics.Color)	4292663504 (0xFFDCD8D0)
YUV	216.2840, -4.0840, 3.2589
Hunter-Lab	82.9948, -4.4608, 8.4373

Details

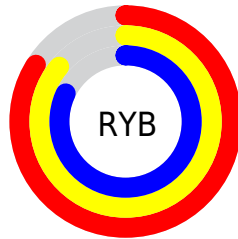
The Yxy color **68.8814, 0.3211, 0.3379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6608, 0.3044, 0.3199**, and the grayscale version is **68.9008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8222, 0.3228, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **64.2028, 0.3377, 0.3549**, and if you desaturate by 10%, it is **73.8838, 0.3061, 0.3218**.

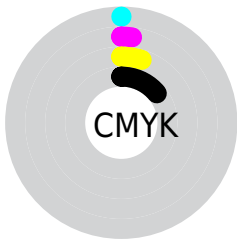
Distribution



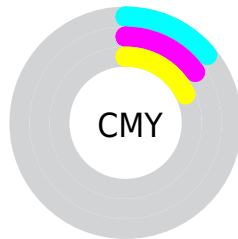
- Red (86%)
- Green (85%)
- Blue (82%)



- Red (84%)
- Yellow (86%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.8814, 0.3211, 0.3379 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 68.8814, 0.3211, 0.3379 by changing the saturation by 10% instead.

■ 68.8814, 0.3211,
0.3379

■ 68.8814, 0.3211,
0.3379

456.6126, 0.3172,
0.3337

■ 50.6151, 0.3220,
0.3389

117.6122, 0.3197,
0.3364

■ 35.9024, 0.3231,
0.3401

148.8454, 0.3192,
0.3359

■ 24.3588, 0.3246,
0.3416

185.1698, 0.3187,
0.3354

■ 15.6000, 0.3265,
0.3436

226.9698, 0.3184,
0.3350

■ 9.2416, 0.3291,
0.3464

274.6296, 0.3180,
0.3346

■ 4.8991, 0.3329,
0.3505

328.5338, 0.3177,

■ 2.1882, 0.3392,

0.3343

0.3571

389.0666, 0.3174,
0.3340

0.7135, 0.3644,
0.3838

0.0000, 0.0000,
0.0000

68.8814, 0.3211,
0.3379

68.8814, 0.3211,
0.3379

64.2028, 0.3377,
0.3549

73.8838, 0.3061,
0.3218

59.8306, 0.3559,
0.3724

79.2089, 0.2927,
0.3068

55.7592, 0.3756,
0.3900

83.5828, 0.2912,
0.3115

51.9792, 0.3963,
0.4070

87.9384, 0.2914,
0.3191

■ 48.4805, 0.4174,
0.4224

■ 92.4698, 0.2917,
0.3266

■ 45.2524, 0.4383,
0.4351

■ 93.9569, 0.2917,
0.3289

■ 42.2828, 0.4577,
0.4441

■ 39.5580, 0.4748,
0.4483

■ 37.0619, 0.4886,
0.4473

Harmonies

Analogous

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



68.8814, 0.3233, 0.3351



68.8814, 0.3211, 0.3379



68.8814, 0.3167, 0.3383

Triad

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



68.8814, 0.3211, 0.3379



68.8814, 0.3030, 0.3271



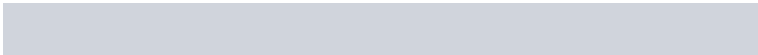
68.8814, 0.3141, 0.3220

Complementary

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



68.8814, 0.3211, 0.3379



65.6608, 0.3044, 0.3199

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.



68.8814, 0.3087, 0.3199



68.8814, 0.3211, 0.3379



68.8814, 0.3023, 0.3228

Square

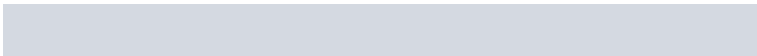
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.8814, 0.3211, 0.3379



68.8814, 0.3062, 0.3320



68.8814, 0.3044, 0.3202



68.8814, 0.3192, 0.3260

Rectangle

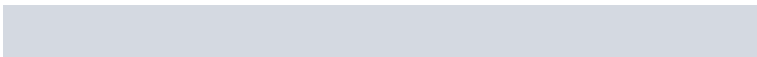
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.8814, 0.3211, 0.3379



68.8814, 0.3131, 0.3371



68.8814, 0.3044, 0.3202



68.8814, 0.3123, 0.3211

Sweetspot

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



68.8844, 0.3211, 0.3379



98.5965, 0.3158, 0.3323



65.0776, 0.3190, 0.3246



21.1185, 0.3156, 0.3321



0.0000, 0.0000, 0.0000



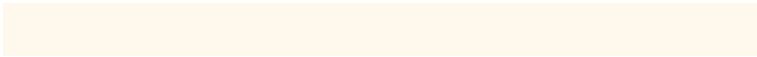
21.4041, 0.3127, 0.3290

Same Dimension

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



68.8844, 0.3211, 0.3379



95.1672, 0.3236, 0.3406



70.6504, 0.3193, 0.3423



14.6884, 0.3244, 0.3414



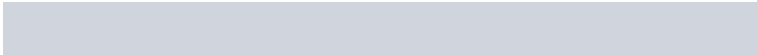
21.3349, 0.4928, 0.4469



1.5381, 0.4778, 0.4588

Inverse Universe

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



65.6608, 0.3044, 0.3199



89.4097, 0.3019, 0.3172



63.9760, 0.3059, 0.3154



13.7384, 0.3011, 0.3163



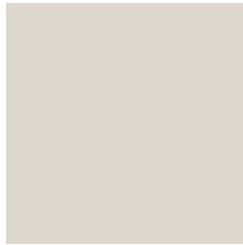
6.0359, 0.1635, 0.1087



0.5464, 0.1727, 0.1417

Previews

White Background



This preview shows how the Yxy color 68.8814, 0.3211, 0.3379 looks on a white background.

Color Contrast Check

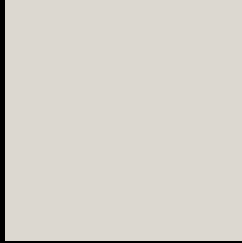
Large Text (above 18pt) WCAG AA × Fail

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 68.8814, 0.3211, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

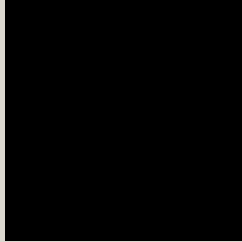
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

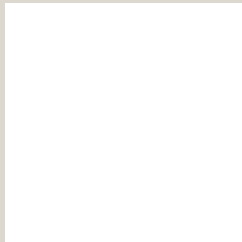
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8814, 0.3211, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 68.8814, 0.3211, 0.3379.

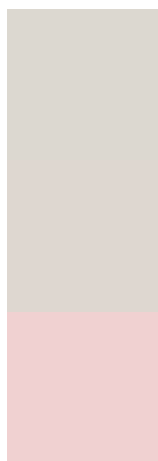


This preview shows how white text looks on a background with the Yxy color 68.8814, 0.3211, 0.3379.

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

68.8814, 0.3211, 0.3379

Protanopia

68.6845, 0.3227, 0.3368

Deuteranopia

68.7296, 0.3363, 0.3291



Tritanopia

68.9896, 0.3085, 0.3107

Trichromacy



Original Color

68.8814, 0.3211, 0.3379

Protanomaly

68.5271, 0.3219, 0.3368

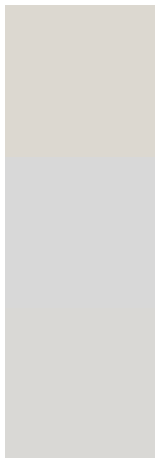
Deuteranomaly

69.0141, 0.3306, 0.3323

Tritanomaly

68.8967, 0.3131, 0.3203

Monochromacy



Original Color

68.8814, 0.3211, 0.3379

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.6675, 0.3155, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8814, 0.3211, 0.3379 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(220, 216, 208) looks like.

```
.text, #text, p{  
    color:rgb(220, 216, 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(220, 216, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 216, 208) }
```

Border

The CSS property to change the border of an element to Yxy 68.8814, 0.3211, 0.3379 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(220, 216, 208) }
```

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

```
.border{ border-color:rgb(220, 216, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 216, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 216, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 216, 208);  
box-shadow:4px 4px 4px 4px rgb(220, 216,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8814, 0.3211, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 216, 208) }
```

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

```
.background{ background-color: rgb(220,  
216, 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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