

Converting Colors

$Yxy(68.2592, 0.3229, 0.3479)$

Have a look what the booklet for
Yxy(68.2592, 0.3229, 0.3479)
contains.

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Color

Yxy(68.2429, 0.3228, 0.3482)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D7D9C8 |
| RGB | 215, 217, 200 |
| RGB Percent | 84%, 85%, 78% |
| CMY | 0.1568, 0.1490, 0.2157 |
| CMYK | 0.01, 0.00, 0.08, 0.15 |
| HSL | 67°, 18%, 82% |
| HSV | 67°, 8%, 85% |
| XYZ | 63.2648, 68.2429, 64.4799 |
| YIQ | 214.4640, 4.2650, -5.7110 |

Conversions

Conversions Part 2

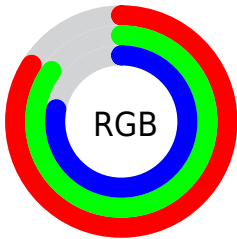
| Format | Color |
|-------------------------------------|---|
| RYB | 200, 217, 202 |
| Decimal | 14145992 |
| CIELab | 86.13, -3.65, 8.13 |
| CIELCh | 86, 8.910, 114.148 |
| Yxy | 68.2429, 0.3228, 0.3482 |
| Android (android.graphics.Color) | 4292336072 (0xFFD7D9C8) |
| YUV | 214.4640, -7.1308, 0.4701 |
| Hunter-Lab | 82.6093, -7.8652, 11.5482 |

Details

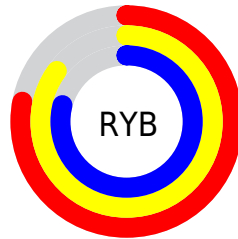
The Yxy color **68.2429, 0.3228, 0.3482** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8731, 0.3022, 0.3092**, and the grayscale version is **67.6236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3896, 0.3251, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **66.9207, 0.3359, 0.3736**, and if you desaturate by 10%, it is **69.7210, 0.3100, 0.3238**.

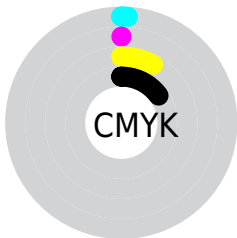
Distribution



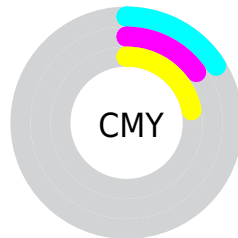
- Red (84%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2429, 0.3228, 0.3482 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 68.2429, 0.3228, 0.3482 by changing the saturation by 10% instead.

■ 68.2429, 0.3228,
0.3482

■ 68.2429, 0.3228,
0.3482

454.3561, 0.3181,
0.3391

■ 50.0954, 0.3239,
0.3503

116.6996, 0.3212,
0.3450

■ 35.4892, 0.3252,
0.3530

147.7775, 0.3205,
0.3438

■ 24.0399, 0.3269,
0.3563

183.9343, 0.3200,
0.3427

■ 15.3633, 0.3291,
0.3608

225.5545, 0.3195,
0.3418

■ 9.0747, 0.3322,
0.3671

273.0223, 0.3191,
0.3410

■ 4.7900, 0.3366,
0.3764

326.7223, 0.3187,

■ 2.1246, 0.3436,

0.3403

0.3916

387.0388, 0.3184,
0.3397

0.6784, 0.3958,
0.4830

0.0000, 0.0000,
0.0000

68.2429, 0.3228,
0.3482

68.2429, 0.3228,
0.3482

66.9207, 0.3359,
0.3736

69.7210, 0.3100,
0.3238

65.7395, 0.3490,
0.3995

71.3518, 0.2977,
0.3009

64.6956, 0.3615,
0.4251

72.4760, 0.2923,
0.2894

63.7823, 0.3730,
0.4494

72.8815, 0.2940,
0.2896

62.9916, 0.3829,
0.4714

73.2930, 0.2957,
0.2898

62.3153, 0.3906,
0.4901

73.7106, 0.2974,
0.2900

61.7437, 0.3959,
0.5046

74.1344, 0.2991,
0.2902

61.2654, 0.3985,
0.5147

74.5643, 0.3008,
0.2904

60.8646, 0.3988,
0.5206

75.0004, 0.3026,
0.2906

Harmonies

Analogous

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



68.2429, 0.3310, 0.3462



68.2429, 0.3228, 0.3482



68.2429, 0.3120, 0.3449

Triad

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



68.2429, 0.3228, 0.3482



68.2429, 0.2916, 0.3179



68.2429, 0.3240, 0.3210

Complementary

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



68.2429, 0.3228, 0.3482



58.8731, 0.3022, 0.3092

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.



68.2429, 0.3132, 0.3138



68.2429, 0.3228, 0.3482



68.2429, 0.2946, 0.3119

Square

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



68.2429, 0.3228, 0.3482



68.2429, 0.2940, 0.3272



68.2429, 0.3025, 0.3105



68.2429, 0.3318, 0.3304

Rectangle

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



68.2429, 0.3228, 0.3482



68.2429, 0.3047, 0.3401



68.2429, 0.3025, 0.3105



68.2429, 0.3206, 0.3183

Sweetspot

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



68.2459, 0.3228, 0.3482



99.5629, 0.3153, 0.3339



61.1552, 0.3259, 0.3313



21.3151, 0.3152, 0.3336



0.0000, 0.0000, 0.0000



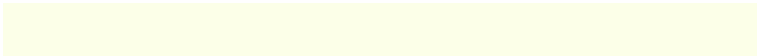
21.4041, 0.3127, 0.3290

Same Dimension

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



68.2459, 0.3228, 0.3482



98.1033, 0.3244, 0.3513



66.9928, 0.3165, 0.3486



15.1825, 0.3249, 0.3522



36.8239, 0.3990, 0.5214



2.4080, 0.4025, 0.5186

Inverse Universe

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



58.8731, 0.3022, 0.3092



82.5785, 0.3004, 0.3059



60.0909, 0.3086, 0.3096



12.6898, 0.2999, 0.3049



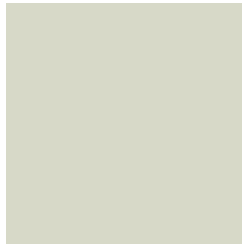
3.1844, 0.1544, 0.0624



0.2311, 0.1652, 0.0684

Previews

White Background



This preview shows how the Yxy color 68.2429, 0.3228, 0.3482 looks on a white background.

Color Contrast Check

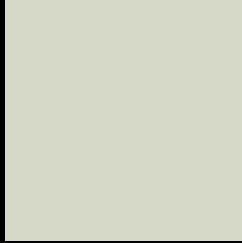
Large Text (above 18pt) WCAG AA × Fail

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 68.2429, 0.3228, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

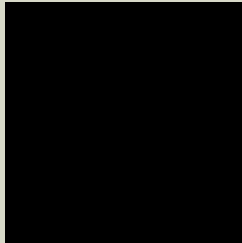
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

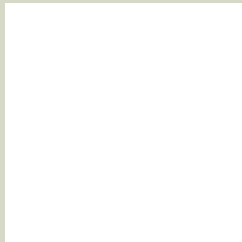
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2429, 0.3228, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 68.2429, 0.3228, 0.3482.

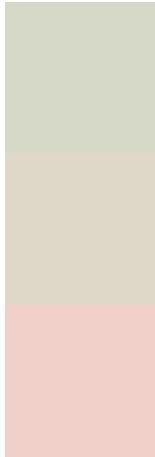


This preview shows how white text looks on a background with the Yxy color 68.2429, 0.3228, 0.3482.

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

68.2429, 0.3228, 0.3482

Protanopia

68.4124, 0.3297, 0.3468

Deuteranopia

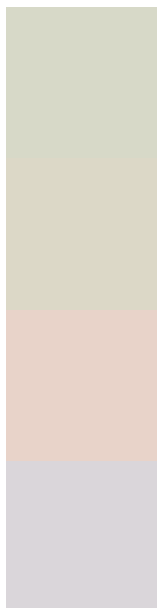
68.0768, 0.3425, 0.3355



Tritanopia

68.3057, 0.3063, 0.3116

Trichromacy



Original Color

68.2429, 0.3228, 0.3482

Protanomaly

68.4509, 0.3273, 0.3480

Deuteranomaly

67.9614, 0.3357, 0.3400

Tritanomaly

68.0605, 0.3129, 0.3246

Monochromacy



Original Color

68.2429, 0.3228, 0.3482

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.5005, 0.3161, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2429, 0.3228, 0.3482 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(215, 217, 200)` looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 200)  
}
```

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(215, 217, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 200) }
```

Border

The CSS property to change the border of an element to Yxy 68.2429, 0.3228, 0.3482 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(215, 217, 200) }
```

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

```
.border{ border-color:rgb(215, 217, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 217, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 200);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2429, 0.3228, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 200) }
```

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

```
.background{ background-color: rgb(215,  
217, 200) }
```

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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