

Converting Colors

Yxy(68.1691, 0.3178, 0.3360)

Have a look what the booklet for
Yxy(68.1691, 0.3178, 0.3360)
contains.

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Color

Yxy(68.4669, 0.3182, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	D9D8D1
RGB	217, 216, 209
RGB Percent	85%, 85%, 82%
CMY	0.1489, 0.1530, 0.1803
CMYK	0.00, 0.00, 0.04, 0.15
HSL	52°, 10%, 84%
HSV	52°, 4%, 85%
XYZ	64.6858, 68.4669, 70.1338
YIQ	215.5010, 2.8430, -1.9650

Conversions

Conversions Part 2

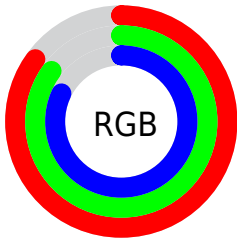
Format	Color
R _Y B	210, 217, 209
Decimal	14276817
CIE Lab	86.24, -0.88, 3.55
CIE LCh	86, 3.659, 103.950
Yxy	68.4669, 0.3182, 0.3368
Android (android.graphics.Color)	4292466897 (0xFFD9D8D1)
YUV	215.5010, -3.2050, 1.3146
Hunter-Lab	82.7447, -5.2607, 7.6675

Details

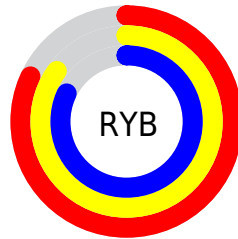
The Yxy color **68.4669, 0.3182, 0.3368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6798, 0.3072, 0.3211**, and the grayscale version is **68.3373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5377, 0.3190, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **66.0541, 0.3337, 0.3586**, and if you desaturate by 10%, it is **71.0562, 0.3037, 0.3160**.

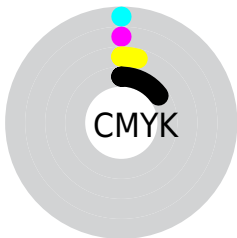
Distribution



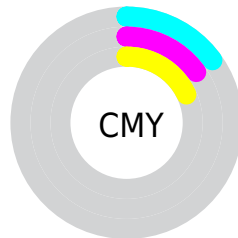
- Red (85%)
- Green (85%)
- Blue (82%)



- Red (82%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4669, 0.3182, 0.3368 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 68.4669, 0.3182, 0.3368 by changing the saturation by 10% instead.

■ 68.4669, 0.3182,
0.3368

■ 68.4669, 0.3182,
0.3368

455.1485, 0.3156,
0.3332

■ 50.2777, 0.3188,
0.3376

117.0198, 0.3173,
0.3355

■ 35.6341, 0.3195,
0.3387

148.1523, 0.3170,
0.3350

■ 24.1517, 0.3205,
0.3400

184.3680, 0.3167,
0.3346

■ 15.4462, 0.3217,
0.3418

226.0513, 0.3164,
0.3342

■ 9.1331, 0.3234,
0.3443

273.5866, 0.3162,
0.3339

■ 4.8281, 0.3259,
0.3480

327.3583, 0.3160,

■ 2.1468, 0.3300,

0.3336

387.7508, 0.3158,
0.3334

0.3539

0.6907, 0.3471,
0.3775

0.0000, 0.0000,
0.0000

68.4669, 0.3182,
0.3368

68.4669, 0.3182,
0.3368

66.0541, 0.3337,
0.3586

71.0562, 0.3037,
0.3160

63.8029, 0.3499,
0.3808

73.8187, 0.2903,
0.2965

61.7098, 0.3665,
0.4030

75.4696, 0.2888,
0.2969

59.7681, 0.3829,
0.4242

76.9797, 0.2889,
0.2999

■ 57.9701, 0.3986,
0.4436

■ 78.5143, 0.2891,
0.3028

■ 56.3078, 0.4128,
0.4601

■ 80.0736, 0.2892,
0.3058

■ 54.7720, 0.4249,
0.4728

■ 81.6577, 0.2893,
0.3087

■ 53.3519, 0.4343,
0.4811

■ 83.2667, 0.2894,
0.3116

■ 52.0349, 0.4410,
0.4849

■ 84.9007, 0.2895,
0.3145

Harmonies

Analogous

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



68.4669, 0.3209, 0.3353



68.4669, 0.3182, 0.3368



68.4669, 0.3140, 0.3361

Triad

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



68.4669, 0.3182, 0.3368



68.4669, 0.3041, 0.3257



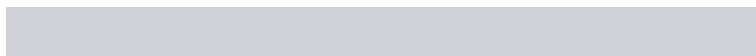
68.4669, 0.3159, 0.3246

Complementary

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



68.4669, 0.3182, 0.3368



64.6798, 0.3072, 0.3211

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.



68.4669, 0.3114, 0.3220



68.4669, 0.3182, 0.3368



68.4669, 0.3046, 0.3227

Square

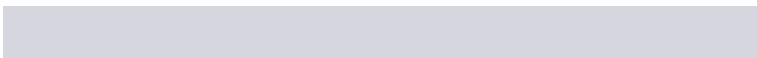
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.4669, 0.3182, 0.3368



68.4669, 0.3059, 0.3297



68.4669, 0.3072, 0.3213



68.4669, 0.3196, 0.3283

Rectangle

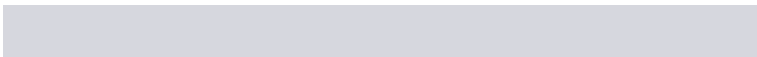
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.4669, 0.3182, 0.3368



68.4669, 0.3110, 0.3346



68.4669, 0.3072, 0.3213



68.4669, 0.3145, 0.3235

Sweetspot

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



68.4699, 0.3182, 0.3368



99.6285, 0.3142, 0.3311



65.0189, 0.3180, 0.3278



21.3285, 0.3141, 0.3310



0.0000, 0.0000, 0.0000



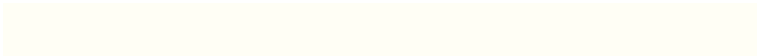
21.4041, 0.3127, 0.3290

Same Dimension

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



68.4699, 0.3182, 0.3368



98.5293, 0.3187, 0.3375



68.5513, 0.3160, 0.3380



15.2216, 0.3197, 0.3390



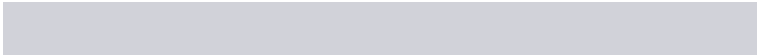
31.1216, 0.4437, 0.4859



2.0974, 0.4392, 0.4895

Inverse Universe

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



64.6798, 0.3072, 0.3211



92.5731, 0.3067, 0.3203



64.6068, 0.3094, 0.3200



14.1480, 0.3056, 0.3188



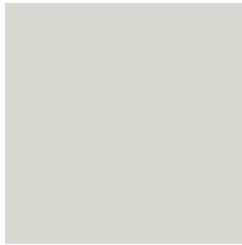
3.6148, 0.1528, 0.0702



0.3241, 0.1592, 0.0930

Previews

White Background



This preview shows how the Yxy color 68.4669, 0.3182, 0.3368 looks on a white background.

Color Contrast Check

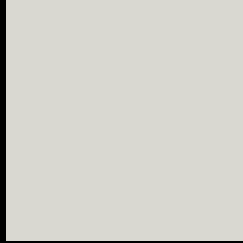
Large Text (above 18pt) WCAG AA × Fail

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 68.4669, 0.3182, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

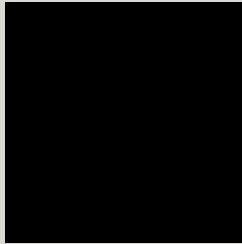
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

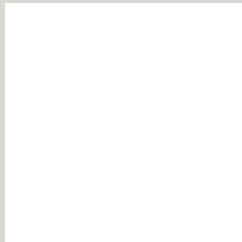
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4669, 0.3182, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 68.4669, 0.3182, 0.3368.

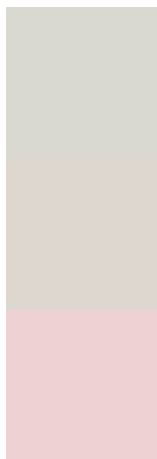


This preview shows how white text looks on a background with the Yxy color 68.4669, 0.3182, 0.3368.

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

68.4669, 0.3182, 0.3368

Protanopia

68.5271, 0.3219, 0.3368

Deuteranopia

68.4312, 0.3340, 0.3280



Tritanopia

68.5173, 0.3064, 0.3105

Trichromacy



Original Color

68.4669, 0.3182, 0.3368

Protanomaly

68.3706, 0.3212, 0.3368

Deuteranomaly

68.5631, 0.3276, 0.3312

Tritanomaly

68.4271, 0.3109, 0.3202

Monochromacy



Original Color

68.4669, 0.3182, 0.3368

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5148, 0.3147, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4669, 0.3182, 0.3368 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(217, 216, 209) looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 209)  
}
```

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(217, 216, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 209) }
```

Border

The CSS property to change the border of an element to Yxy 68.4669, 0.3182, 0.3368 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(217, 216, 209) }
```

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

```
.border{ border-color:rgb(217, 216, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 216, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 209);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4669, 0.3182, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 209) }
```

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

```
.background{ background-color: rgb(217,  
216, 209) }
```

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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