

Converting Colors

Yxy(69.6272, 0.3069, 0.3181)

Have a look what the booklet for
Yxy(69.6272, 0.3069, 0.3181)
contains.

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Color

Yxy(69.3544, 0.3068, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	D9D8E2
RGB	217, 216, 226
RGB Percent	85%, 85%, 89%
CMY	0.1488, 0.1530, 0.1136
CMYK	0.04, 0.04, 0.00, 0.11
HSL	246°, 15%, 87%
HSV	246°, 4%, 89%
XYZ	66.9117, 69.3544, 81.8295
YIQ	217.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

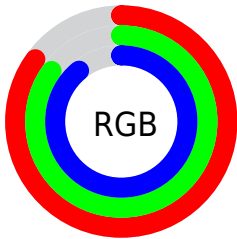
Format	Color
R _Y B	217, 216, 226
Decimal	14276834
CIE Lab	86.68, 2.21, -4.80
CIE LCh	87, 5.287, 294.710
Yxy	69.3544, 0.3068, 0.3180
Android (android.graphics.Color)	4292466914 (0xFFD9D8E2)
YUV	217.4390, 4.2206, -0.3850
Hunter-Lab	83.2793, -2.3208, 0.0377

Details

The Yxy color **69.3544, 0.3068, 0.3180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3663, 0.3185, 0.3398**, and the grayscale version is **69.6835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1114, 0.3049, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **55.6511, 0.2921, 0.2909**, and if you desaturate by 10%, it is **85.0361, 0.3196, 0.3419**.

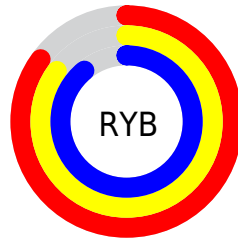
Distribution



Red (85%)

Green (85%)

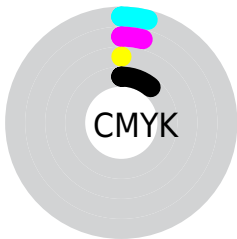
Blue (89%)



Red (85%)

Yellow (85%)

Blue (89%)

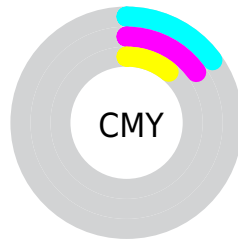


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3544, 0.3068, 0.3180 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 69.3544, 0.3068, 0.3180 by changing the saturation by 10% instead.

■ 69.3544, 0.3068,
0.3180

■ 69.3544, 0.3068,
0.3180

458.2799, 0.3096,
0.3231

■ 51.0004, 0.3062,
0.3168

118.2876, 0.3078,
0.3198

■ 36.2089, 0.3054,
0.3154

149.6356, 0.3081,
0.3205

■ 24.5956, 0.3043,
0.3135

186.0837, 0.3085,
0.3211

■ 15.7760, 0.3030,
0.3111

228.0164, 0.3087,
0.3216

■ 9.3658, 0.3011,
0.3078

275.8179, 0.3090,
0.3220

■ 4.9805, 0.2984,
0.3029

329.8728, 0.3092,

■ 2.2358, 0.2940,

0.3224

0.2952

390.5653, 0.3094,
0.3228

0.7394, 0.2858,
0.2792

0.0000, 0.0000,
0.0000

69.3544, 0.3068,
0.3180

69.3544, 0.3068,
0.3180

55.6511, 0.2921,
0.2909

85.0361, 0.3196,
0.3419

43.8389, 0.2754,
0.2607

98.2724, 0.3297,
0.3571

33.8373, 0.2569,
0.2279

25.5566, 0.2371,
0.1934

■ 18.8994, 0.2167,
0.1589

■ 13.7583, 0.1971,
0.1266

■ 10.0134, 0.1797,
0.0990

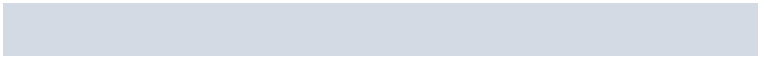
■ 7.5260, 0.1659,
0.0784

■ 6.1287, 0.1565,
0.0658

Harmonies

Analogous

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



69.3544, 0.3021, 0.3189



69.3544, 0.3068, 0.3180



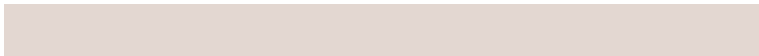
69.3544, 0.3132, 0.3200

Triad

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



69.3544, 0.3068, 0.3180



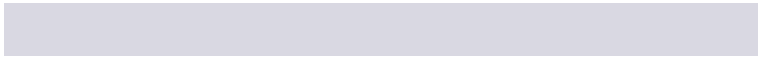
69.3544, 0.3254, 0.3354



69.3544, 0.3060, 0.3337

Complementary

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



69.3544, 0.3068, 0.3180



75.3663, 0.3185, 0.3398

Split Complementary

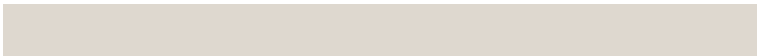
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.3544, 0.3122, 0.3383



69.3544, 0.3068, 0.3180



69.3544, 0.3235, 0.3392

Square

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



69.3544, 0.3068, 0.3180



69.3544, 0.3240, 0.3300



69.3544, 0.3186, 0.3403



69.3544, 0.3016, 0.3279

Rectangle

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



69.3544, 0.3068, 0.3180



69.3544, 0.3175, 0.3227



69.3544, 0.3186, 0.3403



69.3544, 0.3079, 0.3354

Sweetspot

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



69.3574, 0.3068, 0.3180



97.9538, 0.3114, 0.3266



73.9522, 0.3058, 0.3279



20.9877, 0.3115, 0.3267



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.



69.3574, 0.3068, 0.3180



90.0343, 0.3060, 0.3165



70.1295, 0.3103, 0.3181



14.4482, 0.3051, 0.3149



3.2670, 0.1538, 0.0621



0.2502, 0.1632, 0.0673

Inverse Universe

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



70.7131, 0.3139, 0.3194



92.0467, 0.3141, 0.3181



74.5805, 0.3150, 0.3399



14.8151, 0.3143, 0.3167



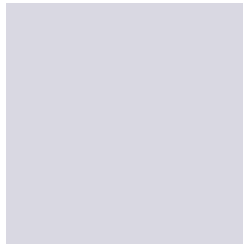
11.6709, 0.3493, 0.1698



0.8162, 0.3444, 0.1671

Previews

White Background



This preview shows how the Yxy color 69.3544, 0.3068, 0.3180 looks on a white background.

Color Contrast Check

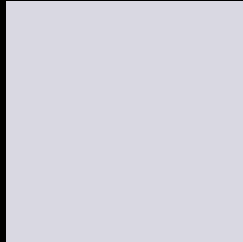
Large Text (above 18pt) WCAG AA × Fail

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 69.3544, 0.3068, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

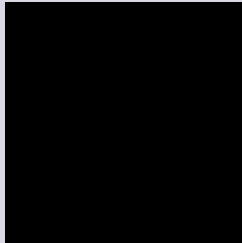
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

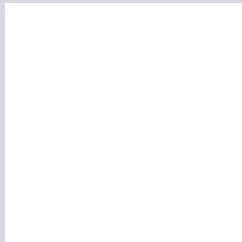
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3544, 0.3068, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 69.3544, 0.3068, 0.3180.

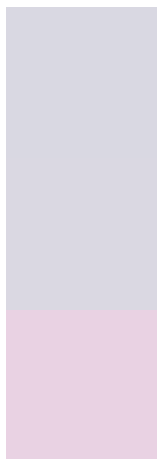


This preview shows how white text looks on a background with the Yxy color 69.3544, 0.3068, 0.3180.

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

69.3544, 0.3068, 0.3180

Protanopia

69.5081, 0.3075, 0.3181

Deuteranopia

68.9629, 0.3180, 0.3110



Tritanopia

69.3325, 0.3036, 0.3105

Trichromacy



Original Color

69.3544, 0.3068, 0.3180

Protanomaly

69.5081, 0.3075, 0.3181

Deuteranomaly

68.9639, 0.3135, 0.3129

Tritanomaly

69.2195, 0.3049, 0.3127

Monochromacy



Original Color

69.3544, 0.3068, 0.3180

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.5447, 0.3107, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3544, 0.3068, 0.3180 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 226) }
```

Border

The CSS property to change the border of an element to Yxy 69.3544, 0.3068, 0.3180 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, 226) }
```

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

```
.border{ border-color:rgb(217, 216, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3544, 0.3068, 0.3180 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, 226) }
```

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

```
.background{ background-color: rgb(217,  
216, 226) }
```

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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