

Converting Colors

$Yxy(70.5389, 0.3069, 0.3191)$

Have a look what the booklet for
Yxy(70.5389, 0.3069, 0.3191)
contains.

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Color

Yxy(70.5943, 0.3068, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	DADAE3
RGB	218, 218, 227
RGB Percent	85%, 85%, 89%
CMY	0.1450, 0.1451, 0.1098
CMYK	0.04, 0.04, 0.00, 0.11
HSL	240°, 14%, 87%
HSV	240°, 4%, 89%
XYZ	67.8519, 70.5943, 82.7139
YIQ	219.0260, -2.8890, 2.7990

Conversions

Conversions Part 2

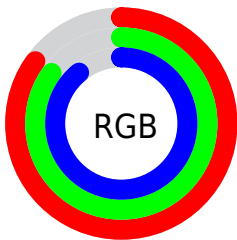
Format	Color
R _Y B	218, 218, 227
Decimal	14342883
CIE Lab	87.29, 1.66, -4.41
CIE LCh	87, 4.710, 290.661
Yxy	70.5943, 0.3068, 0.3192
Android (android.graphics.Color)	4292532963 (0xFFDADA E3)
YUV	219.0260, 3.9312, -0.8998
Hunter-Lab	84.0204, -2.8854, 0.4463

Details

The Yxy color **70.5943, 0.3068, 0.3192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.3209, 0.3185, 0.3386**, and the grayscale version is **70.8339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9595, 0.3050, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **56.3610, 0.2904, 0.2920**, and if you desaturate by 10%, it is **86.9234, 0.3211, 0.3429**.

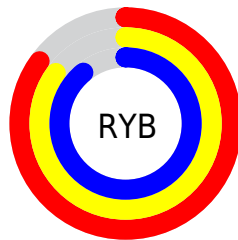
Distribution



Red (85%)

Green (85%)

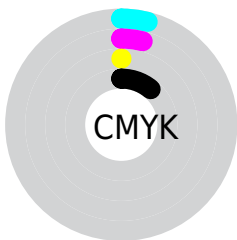
Blue (89%)



Red (85%)

Yellow (85%)

Blue (89%)

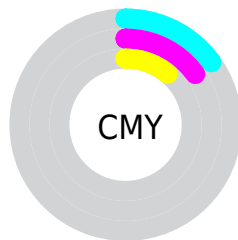


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.5943, 0.3068, 0.3192 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 70.5943, 0.3068, 0.3192 by changing the saturation by 10% instead.

■ 70.5943, 0.3068,
0.3192

■ 70.5943, 0.3068,
0.3192

462.6340, 0.3096,
0.3238

■ 52.0112, 0.3062,
0.3182

120.0559, 0.3078,
0.3208

■ 37.0140, 0.3054,
0.3169

151.7031, 0.3081,
0.3214

■ 25.2183, 0.3044,
0.3152

188.4739, 0.3085,
0.3219

■ 16.2398, 0.3030,
0.3131

230.7525, 0.3087,
0.3224

■ 9.6940, 0.3012,
0.3101

278.9235, 0.3090,
0.3228

■ 5.1965, 0.2986,
0.3059

333.3711, 0.3092,

■ 2.3630, 0.2943,

0.3231

0.2991

394.4798, 0.3094,
0.3235

0.8068, 0.2865,
0.2863

0.0000, 0.0000,
0.0000

70.5943, 0.3068,
0.3192

70.5943, 0.3068,
0.3192

56.3610, 0.2904,
0.2920

86.9234, 0.3211,
0.3429

44.1302, 0.2719,
0.2614

98.3254, 0.3292,
0.3562

33.8148, 0.2516,
0.2279

25.3179, 0.2302,
0.1924

■ 18.5340, 0.2087,
0.1569

■ 13.3470, 0.1887,
0.1237

■ 9.6262, 0.1717,
0.0958

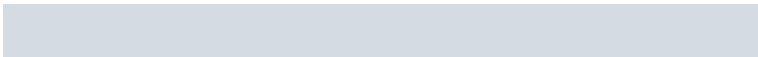
■ 7.2203, 0.1594,
0.0754

■ 5.9456, 0.1523,
0.0638

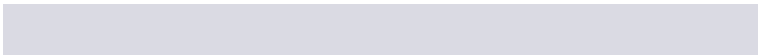
Harmonies

Analogous

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



70.5943, 0.3029, 0.3203



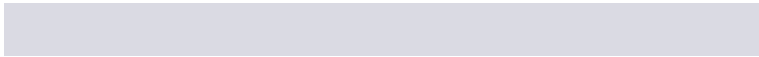
70.5943, 0.3068, 0.3192



70.5943, 0.3123, 0.3207

Triad

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



70.5943, 0.3068, 0.3192



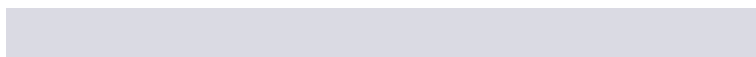
70.5943, 0.3240, 0.3341



70.5943, 0.3074, 0.3338

Complementary

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



70.5943, 0.3068, 0.3192



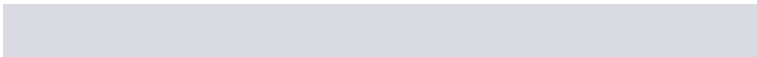
76.3209, 0.3185, 0.3386

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.



70.5943, 0.3130, 0.3376



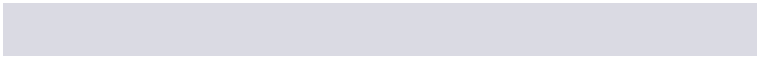
70.5943, 0.3068, 0.3192



70.5943, 0.3226, 0.3377

Square

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



70.5943, 0.3068, 0.3192



70.5943, 0.3223, 0.3292



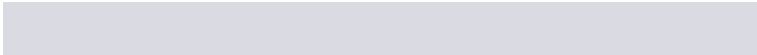
70.5943, 0.3186, 0.3390



70.5943, 0.3033, 0.3287

Rectangle

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



70.5943, 0.3068, 0.3192



70.5943, 0.3162, 0.3229



70.5943, 0.3186, 0.3390



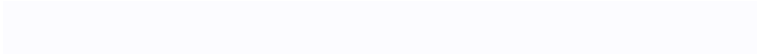
70.5943, 0.3092, 0.3353

Sweetspot

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



70.5973, 0.3068, 0.3192



97.9041, 0.3112, 0.3266



75.3833, 0.3066, 0.3290



20.9776, 0.3113, 0.3267



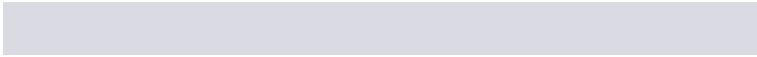
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



70.5973, 0.3068, 0.3192



89.7984, 0.3051, 0.3165



71.2973, 0.3100, 0.3193



15.1091, 0.3041, 0.3148



3.2363, 0.1501, 0.0600



0.2395, 0.1502, 0.0601

Inverse Universe

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



72.0176, 0.3132, 0.3194



92.1319, 0.3133, 0.3168



75.6022, 0.3154, 0.3387



15.5564, 0.3134, 0.3152



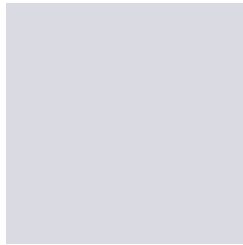
12.7471, 0.3213, 0.1544



0.9421, 0.3213, 0.1543

Previews

White Background



This preview shows how the Yxy color 70.5943, 0.3068, 0.3192 looks on a white background.

Color Contrast Check

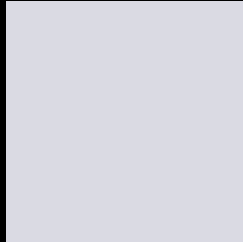
Large Text (above 18pt) WCAG AA × Fail

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 70.5943, 0.3068, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

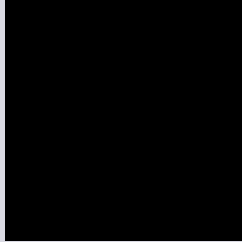
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

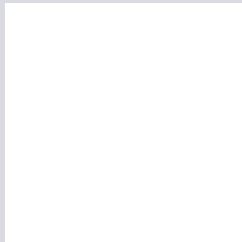
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5943, 0.3068, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 70.5943, 0.3068, 0.3192.

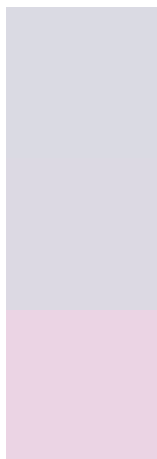


This preview shows how white text looks on a background with the Yxy color 70.5943, 0.3068, 0.3192.

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

70.5943, 0.3068, 0.3192

Protanopia

70.3874, 0.3082, 0.3181

Deuteranopia

70.3506, 0.3186, 0.3122



Tritanopia

70.6263, 0.3030, 0.3107

Trichromacy



Original Color

70.5943, 0.3068, 0.3192

Protanomaly

70.2318, 0.3075, 0.3181

Deuteranomaly

70.3526, 0.3141, 0.3141

Tritanomaly

70.4553, 0.3049, 0.3138

Monochromacy



Original Color

70.5943, 0.3068, 0.3192

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.9970, 0.3107, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5943, 0.3068, 0.3192 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(218, 218, 227) looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 227)  
}
```

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(218, 218, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 227) }
```

Border

The CSS property to change the border of an element to Yxy 70.5943, 0.3068, 0.3192 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(218, 218, 227) }
```

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

```
.border{ border-color:rgb(218, 218, 227) }
```

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

Here you see how a box with a 4 pixel rgb(218, 218, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 227);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5943, 0.3068, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 227) }
```

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

```
.background{ background-color: rgb(218,  
218, 227) }
```

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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