

Converting Colors

Yxy(68.6468, 0.3082, 0.3238)

Have a look what the booklet for
Yxy(68.6468, 0.3082, 0.3238)
contains.

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Color

Yxy(68.6283, 0.3079, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	D6D8DD
RGB	214, 216, 221
RGB Percent	84%, 85%, 87%
CMY	0.1609, 0.1529, 0.1331
CMYK	0.03, 0.02, 0.00, 0.13
HSL	223°, 9%, 85%
HSV	223°, 3%, 87%
XYZ	65.3391, 68.6283, 78.2414
YIQ	215.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

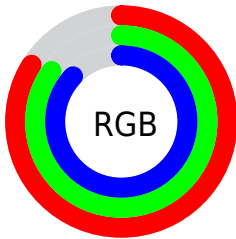
Format	Color
RYB	214, 216, 221
Decimal	14080221
CIELab	86.32, 0.25, -2.73
CIELCh	86, 2.736, 275.191
Yxy	68.6283, 0.3079, 0.3234
Android (android.graphics.Color)	4292270301 (0xFFD6D8DD)
YUV	215.9720, 2.4788, -1.7294
Hunter-Lab	82.8422, -4.1878, 1.9924

Details

The Yxy color **68.6283, 0.3079, 0.3234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9084, 0.3175, 0.3345**, and the grayscale version is **68.6351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6138, 0.3065, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **57.8312, 0.2920, 0.3044**, and if you desaturate by 10%, it is **80.6582, 0.3225, 0.3402**.

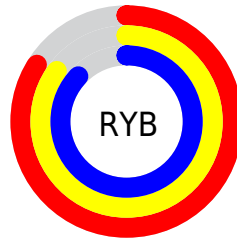
Distribution



Red (84%)

Green (85%)

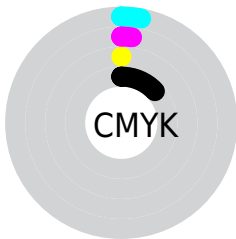
Blue (87%)



Red (84%)

Yellow (85%)

Blue (87%)

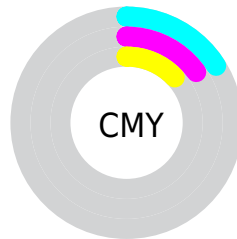


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (13%)



Cyan (16%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.6283, 0.3079, 0.3234 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 68.6283, 0.3079, 0.3234 by changing the saturation by 10% instead.

■ 68.6283, 0.3079,
0.3234

■ 68.6283, 0.3079,
0.3234

455.7189, 0.3102,
0.3260

■ 50.4091, 0.3074,
0.3228

117.2505, 0.3087,
0.3243

■ 35.7385, 0.3067,
0.3220

148.4223, 0.3090,
0.3247

■ 24.2323, 0.3059,
0.3211

184.6803, 0.3093,
0.3250

■ 15.5060, 0.3048,
0.3198

226.4091, 0.3095,
0.3252

■ 9.1753, 0.3033,
0.3181

273.9929, 0.3097,
0.3255

■ 4.8557, 0.3011,
0.3155

327.8163, 0.3099,

■ 2.1628, 0.2975,

0.3257

0.3113

388.2634, 0.3100,
0.3259

0.6996, 0.2889,
0.3012

0.0000, 0.0000,
0.0000

68.6283, 0.3079,
0.3234

68.6283, 0.3079,
0.3234

57.8312, 0.2920,
0.3044

80.6582, 0.3225,
0.3402

48.2182, 0.2749,
0.2831

93.3397, 0.3337,
0.3550

39.7504, 0.2569,
0.2596

98.0030, 0.3327,
0.3621

32.3831, 0.2384,
0.2341

■ 26.0687, 0.2200,
0.2073

■ 20.7560, 0.2026,
0.1800

■ 16.3888, 0.1869,
0.1533

■ 12.9047, 0.1740,
0.1286

■ 10.2320, 0.1644,
0.1071

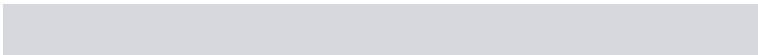
Harmonies

Analogous

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



68.6283, 0.3063, 0.3248



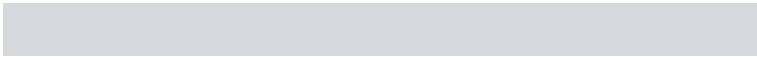
68.6283, 0.3079, 0.3234



68.6283, 0.3108, 0.3235

Triad

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



68.6283, 0.3079, 0.3234



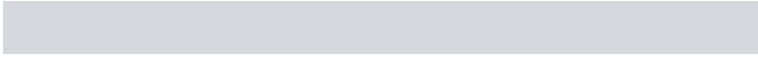
68.6283, 0.3190, 0.3306



68.6283, 0.3113, 0.3331

Complementary

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



68.6283, 0.3079, 0.3234



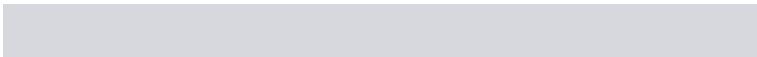
70.9084, 0.3175, 0.3345

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.



68.6283, 0.3147, 0.3346



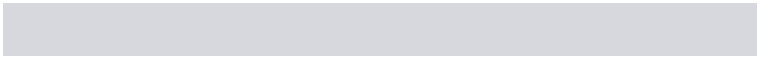
68.6283, 0.3079, 0.3234



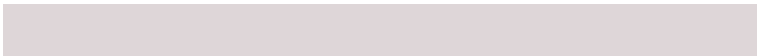
68.6283, 0.3192, 0.3332

Square

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



68.6283, 0.3079, 0.3234



68.6283, 0.3172, 0.3276



68.6283, 0.3176, 0.3347



68.6283, 0.3083, 0.3304

Rectangle

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



68.6283, 0.3079, 0.3234



68.6283, 0.3130, 0.3244



68.6283, 0.3176, 0.3347



68.6283, 0.3124, 0.3338

Sweetspot

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



68.6312, 0.3079, 0.3234



98.3643, 0.3112, 0.3273



71.1418, 0.3091, 0.3313



21.0713, 0.3113, 0.3273



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.



68.6312, 0.3079, 0.3234



93.5610, 0.3066, 0.3219



67.8136, 0.3090, 0.3212



14.3255, 0.3056, 0.3207



5.2873, 0.1604, 0.0974



0.4882, 0.1694, 0.1298

Inverse Universe

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



68.4215, 0.3165, 0.3268



93.2040, 0.3175, 0.3262



71.7505, 0.3164, 0.3368



14.2621, 0.3184, 0.3257



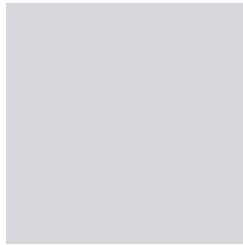
9.1575, 0.5798, 0.2968



0.6080, 0.5329, 0.2709

Previews

White Background



This preview shows how the Yxy color 68.6283, 0.3079, 0.3234 looks on a white background.

Color Contrast Check

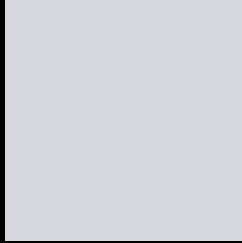
Large Text (above 18pt) WCAG AA × Fail

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 68.6283, 0.3079, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

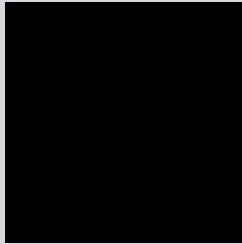
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

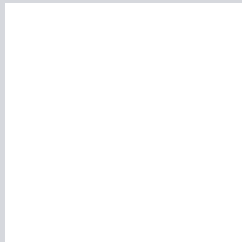
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.6283, 0.3079, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 68.6283, 0.3079, 0.3234.

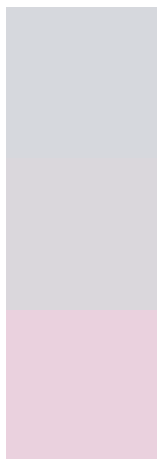


This preview shows how white text looks on a background with the Yxy color 68.6283, 0.3079, 0.3234.

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

68.6283, 0.3079, 0.3234

Protanopia

68.6736, 0.3115, 0.3235

Deuteranopia

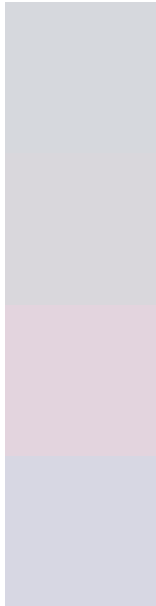
68.3673, 0.3223, 0.3152



Tritanopia

68.4616, 0.3028, 0.3104

Trichromacy



Original Color

68.6283, 0.3079, 0.3234

Protanomaly

68.5199, 0.3108, 0.3235

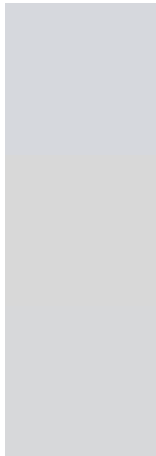
Deuteranomaly

68.6918, 0.3169, 0.3182

Tritanomaly

68.5940, 0.3047, 0.3158

Monochromacy



Original Color

68.6283, 0.3079, 0.3234

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.6208, 0.3107, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6283, 0.3079, 0.3234 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(214, 216, 221) looks like.

```
.text, #text, p{  
    color:rgb(214, 216, 221)  
}
```

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(214, 216, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 216, 221) }
```

Border

The CSS property to change the border of an element to Yxy 68.6283, 0.3079, 0.3234 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(214, 216, 221) }
```

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

```
.border{ border-color:rgb(214, 216, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 216, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 216, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 216, 221);  
box-shadow:4px 4px 4px 4px rgb(214, 216,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6283, 0.3079, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 216, 221) }
```

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

```
.background{ background-color: rgb(214,  
216, 221) }
```

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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