

Converting Colors

Yxy(68.1191, 0.3109, 0.3180)

Have a look what the booklet for
Yxy(68.1191, 0.3109, 0.3180)
contains.

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Color

Yxy(68.1319, 0.3110, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	DCD5DF
RGB	220, 213, 223
RGB Percent	86%, 84%, 87%
CMY	0.1375, 0.1646, 0.1255
CMYK	0.01, 0.04, 0.00, 0.13
HSL	282°, 13%, 85%
HSV	282°, 4%, 87%
XYZ	66.6112, 68.1319, 79.4408
YIQ	216.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

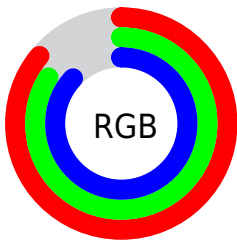
Format	Color
R _Y B	220, 213, 223
Decimal	14472671
CIE Lab	86.07, 4.16, -4.06
CIE LCh	86, 5.814, 315.673
Yxy	68.1319, 0.3110, 0.3181
Android (android.graphics.Color)	4292662751 (0xFFDCD5DF)
YUV	216.2330, 3.3361, 3.3037
Hunter-Lab	82.5420, -0.3996, 0.7171

Details

The Yxy color **68.1319, 0.3110, 0.3181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1849, 0.3144, 0.3400**, and the grayscale version is **68.8081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2802, 0.3105, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **56.6306, 0.3066, 0.2925**, and if you desaturate by 10%, it is **81.2251, 0.3146, 0.3420**.

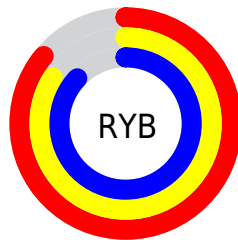
Distribution



Red (86%)

Green (84%)

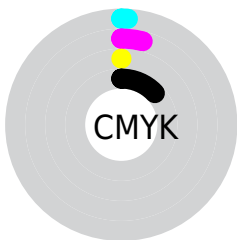
Blue (87%)



Red (86%)

Yellow (84%)

Blue (87%)

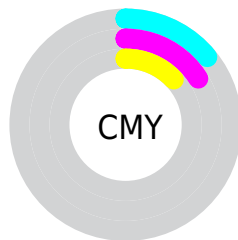


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (13%)



Cyan (14%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.1319, 0.3110, 0.3181 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 68.1319, 0.3110, 0.3181 by changing the saturation by 10% instead.

■ 68.1319, 0.3110,
0.3181

■ 68.1319, 0.3110,
0.3181

453.9632, 0.3118,
0.3232

■ 50.0050, 0.3108,
0.3169

116.5408, 0.3113,
0.3199

■ 35.4174, 0.3106,
0.3155

147.5917, 0.3114,
0.3206

■ 23.9846, 0.3102,
0.3136

183.7193, 0.3115,
0.3211

■ 15.3222, 0.3098,
0.3112

225.3081, 0.3116,
0.3217

■ 9.0458, 0.3092,
0.3079

272.7426, 0.3117,
0.3221

■ 4.7711, 0.3083,
0.3031

326.4069, 0.3117,

■ 2.1136, 0.3068,

0.3225

0.2954

386.6857, 0.3118,
0.3229

0.6722, 0.3048,
0.2767

0.0000, 0.0000,
0.0000

68.1319, 0.3110,
0.3181

68.1319, 0.3110,
0.3181

56.6306, 0.3066,
0.2925

81.2251, 0.3146,
0.3420

46.6494, 0.3014,
0.2657

94.2739, 0.3178,
0.3615

38.1238, 0.2954,
0.2382

95.4517, 0.3222,
0.3611

30.9815, 0.2885,
0.2109

96.6747, 0.3266,
0.3606

■ 25.1436, 0.2809,
0.1849

■ 97.9434, 0.3310,
0.3602

■ 20.5233, 0.2729,
0.1614

■ 98.1069, 0.3316,
0.3602

■ 17.0228, 0.2645,
0.1416

■ 14.5291, 0.2561,
0.1263

■ 12.9041, 0.2481,
0.1159

Harmonies

Analogous

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



68.1319, 0.3043, 0.3168



68.1319, 0.3110, 0.3181



68.1319, 0.3182, 0.3222

Triad

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



68.1319, 0.3110, 0.3181



68.1319, 0.3256, 0.3393



68.1319, 0.3016, 0.3297

Complementary

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



68.1319, 0.3110, 0.3181



72.1849, 0.3144, 0.3400

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.



68.1319, 0.3072, 0.3359



68.1319, 0.3110, 0.3181



68.1319, 0.3211, 0.3415

Square

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



68.1319, 0.3110, 0.3181



68.1319, 0.3267, 0.3344



68.1319, 0.3143, 0.3403



68.1319, 0.2989, 0.3234

Rectangle

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



68.1319, 0.3110, 0.3181



68.1319, 0.3223, 0.3261



68.1319, 0.3143, 0.3403



68.1319, 0.3032, 0.3319

Sweetspot

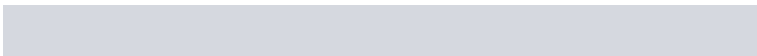
The Sweet Spot groups the original color and five complimentary colors.



68.1348, 0.3110, 0.3181



98.2357, 0.3123, 0.3266



68.6823, 0.3059, 0.3214



21.0451, 0.3124, 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.



68.1348, 0.3110, 0.3181



91.3988, 0.3108, 0.3167



68.5177, 0.3145, 0.3202



14.6967, 0.3105, 0.3151



7.2680, 0.2449, 0.1123



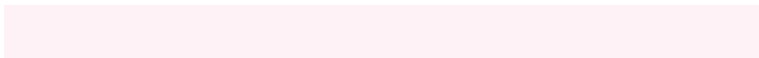
0.5502, 0.2569, 0.1189

Inverse Universe

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



68.2509, 0.3180, 0.3257



91.5769, 0.3187, 0.3252



71.8169, 0.3110, 0.3380



14.7294, 0.3195, 0.3248



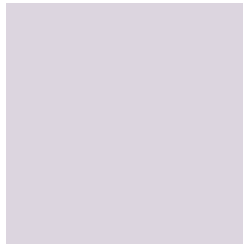
9.4904, 0.5730, 0.2930



0.6735, 0.5289, 0.2687

Previews

White Background



This preview shows how the Yxy color 68.1319, 0.3110, 0.3181 looks on a white background.

Color Contrast Check

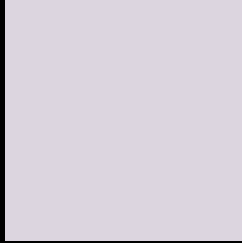
Large Text (above 18pt) WCAG AA × Fail

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 68.1319, 0.3110, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

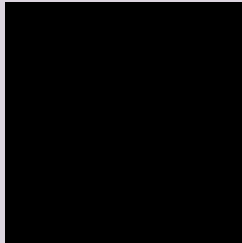
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

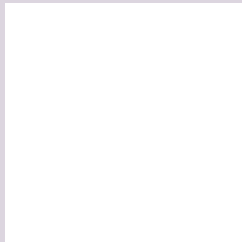
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1319, 0.3110, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 68.1319, 0.3110, 0.3181.

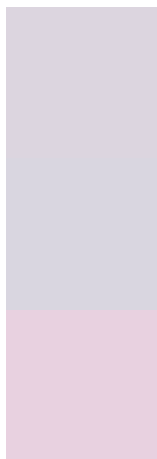


This preview shows how white text looks on a background with the Yxy color 68.1319, 0.3110, 0.3181.

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

68.1319, 0.3110, 0.3181

Protanopia

68.2267, 0.3082, 0.3180

Deuteranopia

68.1386, 0.3194, 0.3130



Tritanopia

68.1163, 0.3078, 0.3106

Trichromacy



Original Color

68.1319, 0.3110, 0.3181

Protanomaly

68.3804, 0.3089, 0.3180

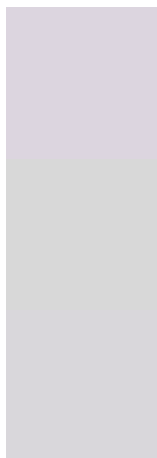
Deuteranomaly

67.9690, 0.3164, 0.3140

Tritanomaly

68.0052, 0.3091, 0.3127

Monochromacy



Original Color

68.1319, 0.3110, 0.3181

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.4671, 0.3115, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1319, 0.3110, 0.3181 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(220, 213, 223)` looks like.

```
.text, #text, p{  
    color:rgb(220, 213, 223)  
}
```

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(220, 213, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 213, 223) }
```

Border

The CSS property to change the border of an element to Yxy 68.1319, 0.3110, 0.3181 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(220, 213, 223) }
```

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

```
.border{ border-color:rgb(220, 213, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 213, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 213, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 213, 223);  
box-shadow:4px 4px 4px 4px rgb(220, 213,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1319, 0.3110, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 213, 223) }
```

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

```
.background{ background-color: rgb(220,  
213, 223) }
```

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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