

Converting Colors

$Yxy(70.1069, 0.3044, 0.3281)$

Have a look what the booklet for
Yxy(70.1069, 0.3044, 0.3281)
contains.

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Color

Yxy(69.9622, 0.3043, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D1DCDD
RGB	209, 220, 221
RGB Percent	82%, 86%, 87%
CMY	0.1806, 0.1372, 0.1334
CMYK	0.05, 0.00, 0.00, 0.13
HSL	185°, 15%, 84%
HSV	185°, 5%, 87%
XYZ	64.9268, 69.9622, 78.4754
YIQ	216.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

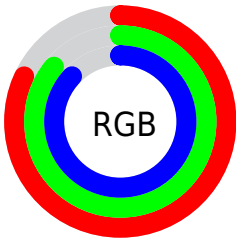
Format	Color
R _Y B	209, 215, 221
Decimal	13753565
CIE Lab	86.98, -3.52, -1.77
CIE LCh	87, 3.940, 206.660
Yxy	69.9622, 0.3043, 0.3279
Android (android.graphics.Color)	4291943645 (0xFFD1DCDD)
YUV	216.8250, 2.0583, -6.8625
Hunter-Lab	83.6434, -7.8183, 2.9237

Details

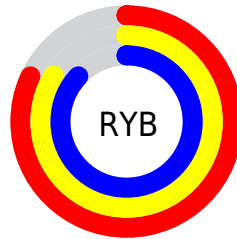
The Yxy color **69.9622, 0.3043, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0224, 0.3217, 0.3301**, and the grayscale version is **69.2476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6320, 0.3027, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **66.0399, 0.2893, 0.3257**, and if you desaturate by 10%, it is **74.3472, 0.3198, 0.3299**.

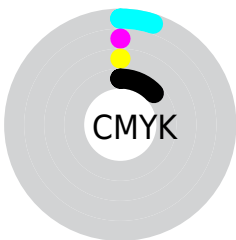
Distribution



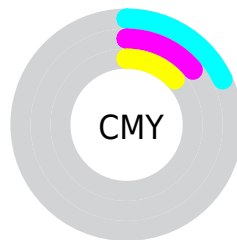
- Red (82%)
- Green (86%)
- Blue (87%)



- Red (82%)
- Yellow (84%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9622, 0.3043, 0.3279 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 69.9622, 0.3043, 0.3279 by changing the saturation by 10% instead.

■ 69.9622, 0.3043,
0.3279

■ 69.9622, 0.3043,
0.3279

460.4173, 0.3082,
0.3284

■ 51.4957, 0.3034,
0.3278

119.1548, 0.3057,
0.3281

■ 36.6033, 0.3023,
0.3276

150.6498, 0.3062,
0.3282

■ 24.9005, 0.3009,
0.3274

187.2564, 0.3067,
0.3282

■ 16.0029, 0.2990,
0.3271

229.3590, 0.3070,
0.3283

■ 9.5262, 0.2964,
0.3267

277.3419, 0.3074,
0.3283

■ 5.0860, 0.2927,
0.3262

331.5897, 0.3077,

■ 2.2978, 0.2867,

0.3284

392.4867, 0.3080,
0.3284

0.3252

0.7725, 0.2718,
0.3238

0.0000, 0.0000,
0.0000

69.9622, 0.3043,
0.3279

69.9622, 0.3043,
0.3279

66.0399, 0.2893,
0.3257

74.3472, 0.3198,
0.3299

62.5532, 0.2750,
0.3234

79.2034, 0.3356,
0.3317

59.4855, 0.2619,
0.3209

80.5053, 0.3367,
0.3334

56.8155, 0.2502,
0.3183

81.4680, 0.3365,
0.3352

■ 54.5205, 0.2401,
0.3156

■ 82.4406, 0.3362,
0.3369

■ 52.5748, 0.2319,
0.3129

■ 83.4231, 0.3360,
0.3387

■ 50.9501, 0.2256,
0.3101

■ 84.4157, 0.3358,
0.3404

■ 49.6128, 0.2211,
0.3074

■ 85.4182, 0.3355,
0.3422

■ 48.5222, 0.2185,
0.3047

■ 86.4309, 0.3353,
0.3439

Harmonies

Analogous

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



69.9622, 0.3074, 0.3322



69.9622, 0.3043, 0.3279



69.9622, 0.3034, 0.3239

Triad

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



69.9622, 0.3043, 0.3279



69.9622, 0.3134, 0.3225



69.9622, 0.3205, 0.3367

Complementary

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



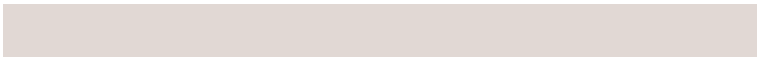
69.9622, 0.3043, 0.3279



66.0224, 0.3217, 0.3301

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.



69.9622, 0.3221, 0.3340



69.9622, 0.3043, 0.3279



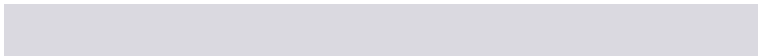
69.9622, 0.3180, 0.3258

Square

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



69.9622, 0.3043, 0.3279



69.9622, 0.3086, 0.3208



69.9622, 0.3212, 0.3300



69.9622, 0.3168, 0.3373

Rectangle

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



69.9622, 0.3043, 0.3279



69.9622, 0.3042, 0.3220



69.9622, 0.3212, 0.3300



69.9622, 0.3213, 0.3360

Sweetspot

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



69.9652, 0.3043, 0.3279



98.7855, 0.3096, 0.3286



69.8933, 0.3116, 0.3417



21.1569, 0.3097, 0.3286



0.0000, 0.0000, 0.0000



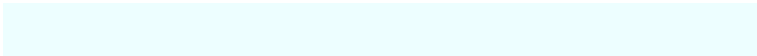
21.4041, 0.3127, 0.3290

Same Dimension

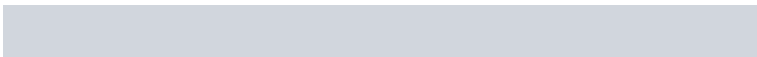
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.9652, 0.3043, 0.3279



95.8626, 0.3018, 0.3276



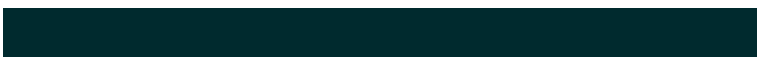
66.9455, 0.3044, 0.3213



14.8041, 0.3011, 0.3275



28.0108, 0.2178, 0.3039



1.8686, 0.2190, 0.3083

Inverse Universe

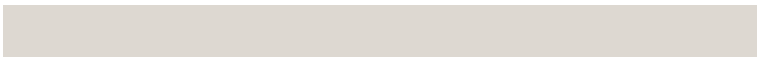
The Inverse Universe completely reimagines the original color for something new.



66.1161, 0.3140, 0.3168



89.0436, 0.3144, 0.3132



68.9646, 0.3212, 0.3366



13.6793, 0.3145, 0.3121



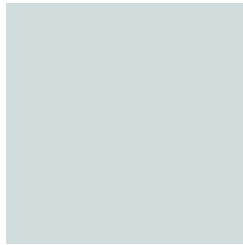
11.4515, 0.3420, 0.1658



0.7473, 0.3382, 0.1637

Previews

White Background



This preview shows how the Yxy color 69.9622, 0.3043, 0.3279 looks on a white background.

Color Contrast Check

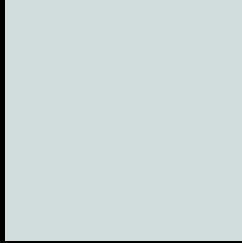
Large Text (above 18pt) WCAG AA × Fail

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 69.9622, 0.3043, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

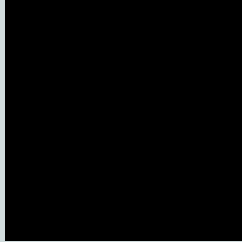
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

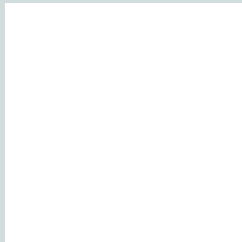
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.9622, 0.3043, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 69.9622, 0.3043, 0.3279.

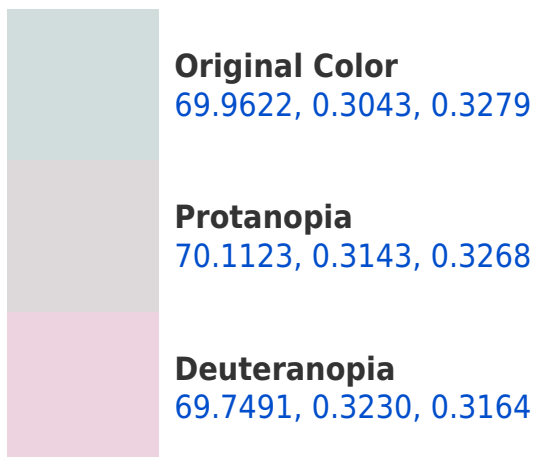


This preview shows how white text looks on a background with the Yxy color 69.9622, 0.3043, 0.3279.

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

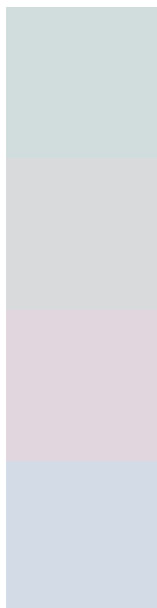




Tritanopia

69.9898, 0.2968, 0.3104

Trichromacy



Original Color

69.9622, 0.3043, 0.3279

Protanomaly

70.0618, 0.3107, 0.3268

Deuteranomaly

69.5358, 0.3160, 0.3204

Tritanomaly

70.0778, 0.2993, 0.3168

Monochromacy



Original Color

69.9622, 0.3043, 0.3279

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.5009, 0.3099, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9622, 0.3043, 0.3279 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(209, 220, 221)` looks like.

```
.text, #text, p{  
    color:rgb(209, 220, 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(209, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 220, 221) }
```

Border

The CSS property to change the border of an element to Yxy 69.9622, 0.3043, 0.3279 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(209, 220, 221) }
```

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

```
.border{ border-color:rgb(209, 220, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 220, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(209, 220,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9622, 0.3043, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 220, 221) }
```

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

```
.background{ background-color: rgb(209,  
220, 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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