

Converting Colors

Yxy(69.8805, 0.3064, 0.3268)

Have a look what the booklet for
Yxy(69.8805, 0.3064, 0.3268)
contains.

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Color

Yxy(69.8805, 0.3064, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	D4DBDD
RGB	212, 219, 221
RGB Percent	83%, 86%, 87%
CMY	0.1689, 0.1411, 0.1334
CMYK	0.04, 0.01, 0.00, 0.13
HSL	193°, 12%, 85%
HSV	193°, 4%, 87%
XYZ	65.5183, 69.8805, 78.4338
YIQ	217.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

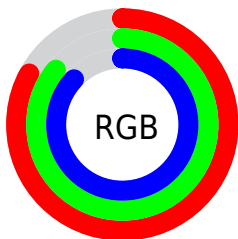
Format	Color
R _Y B	212, 216, 221
Decimal	13949917
CIE Lab	86.94, -2.02, -1.81
CIE LCh	87, 2.706, 221.855
Yxy	69.8805, 0.3064, 0.3268
Android (android.graphics.Color)	4292139997 (0xFFD4DBDD)
YUV	217.1350, 1.9054, -4.5034
Hunter-Lab	83.5946, -6.3888, 2.8865

Details

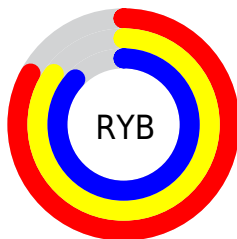
The Yxy color **69.8805, 0.3064, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1626, 0.3193, 0.3312**, and the grayscale version is **69.4694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4722, 0.3045, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **64.3560, 0.2911, 0.3211**, and if you desaturate by 10%, it is **75.9324, 0.3218, 0.3320**.

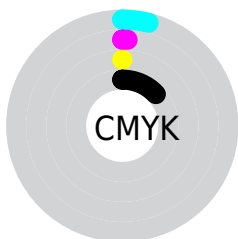
Distribution



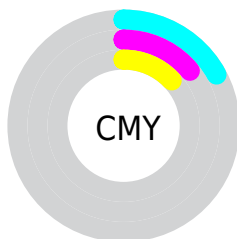
- Red (83%)
- Green (86%)
- Blue (87%)



- Red (83%)
- Yellow (85%)
- Blue (87%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8805, 0.3064, 0.3268 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 69.8805, 0.3064, 0.3268 by changing the saturation by 10% instead.

■ 69.8805, 0.3064,
0.3268

■ 69.8805, 0.3064,
0.3268

460.1303, 0.3093,
0.3278

■ 51.4291, 0.3057,
0.3266

119.0383, 0.3074,
0.3272

■ 36.5502, 0.3049,
0.3263

150.5136, 0.3078,
0.3273

■ 24.8595, 0.3038,
0.3259

187.0989, 0.3082,
0.3274

■ 15.9724, 0.3024,
0.3254

229.1786, 0.3085,
0.3275

■ 9.5046, 0.3005,
0.3247

277.1373, 0.3087,
0.3276

■ 5.0718, 0.2976,
0.3236

331.3592, 0.3090,

■ 2.2894, 0.2931,

0.3277

0.3219

392.2287, 0.3092,
0.3278

0.7681, 0.2823,
0.3185

0.0000, 0.0000,
0.0000

69.8805, 0.3064,
0.3268

69.8805, 0.3064,
0.3268

64.3560, 0.2911,
0.3211

75.9324, 0.3218,
0.3320

59.3314, 0.2761,
0.3148

82.3052, 0.3363,
0.3367

54.7895, 0.2619,
0.3080

84.9893, 0.3356,
0.3414

50.7089, 0.2486,
0.3008

87.7471, 0.3350,
0.3461

■ 47.0664, 0.2367,
0.2932

■ 90.5794, 0.3343,
0.3507

■ 43.8362, 0.2263,
0.2853

■ 93.4865, 0.3337,
0.3553

■ 40.9898, 0.2178,
0.2773

■ 96.4692, 0.3331,
0.3599

■ 38.4938, 0.2113,
0.2693

■ 97.9999, 0.3328,
0.3621

■ 36.3081, 0.2067,
0.2614

Harmonies

Analogous

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



69.8805, 0.3078, 0.3297



69.8805, 0.3064, 0.3268



69.8805, 0.3066, 0.3245

Triad

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



69.8805, 0.3064, 0.3268



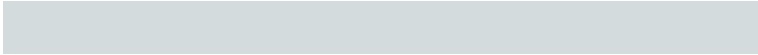
69.8805, 0.3149, 0.3256



69.8805, 0.3169, 0.3347

Complementary

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



69.8805, 0.3064, 0.3268



68.1626, 0.3193, 0.3312

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.



69.8805, 0.3188, 0.3335



69.8805, 0.3064, 0.3268



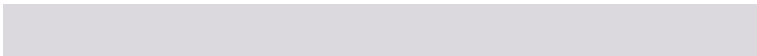
69.8805, 0.3176, 0.3283

Square

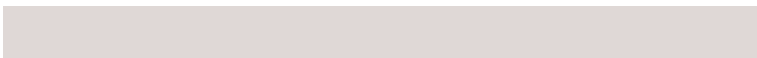
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.8805, 0.3064, 0.3268



69.8805, 0.3115, 0.3238



69.8805, 0.3191, 0.3312



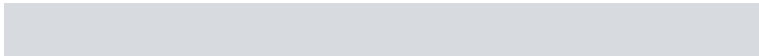
69.8805, 0.3139, 0.3343

Rectangle

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



69.8805, 0.3064, 0.3268



69.8805, 0.3077, 0.3236



69.8805, 0.3191, 0.3312



69.8805, 0.3177, 0.3345

Sweetspot

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



69.8835, 0.3064, 0.3268



99.1671, 0.3112, 0.3285



70.5447, 0.3110, 0.3369



21.2346, 0.3112, 0.3285



0.0000, 0.0000, 0.0000



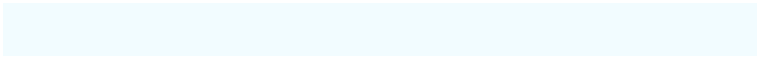
21.4041, 0.3127, 0.3290

Same Dimension

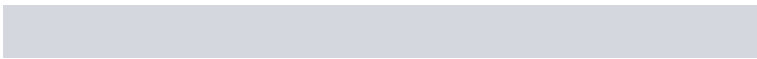
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.8835, 0.3064, 0.3268



95.9093, 0.3049, 0.3263



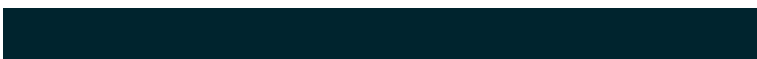
67.5537, 0.3065, 0.3218



14.7781, 0.3040, 0.3259



20.5794, 0.2050, 0.2579



1.4547, 0.2086, 0.2708

Inverse Universe

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



67.5403, 0.3145, 0.3212



91.9563, 0.3150, 0.3194



70.4839, 0.3189, 0.3361



14.0947, 0.3152, 0.3182



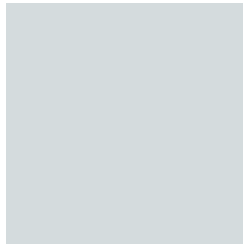
10.7013, 0.3844, 0.1891



0.7055, 0.3720, 0.1823

Previews

White Background



This preview shows how the Yxy color 69.8805, 0.3064, 0.3268 looks on a white background.

Color Contrast Check

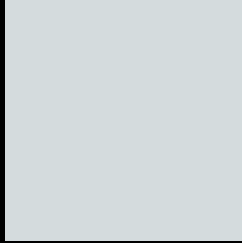
Large Text (above 18pt) WCAG AA × Fail

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 69.8805, 0.3064, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

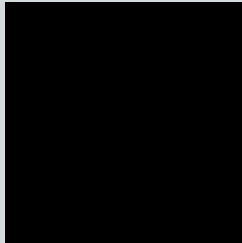
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

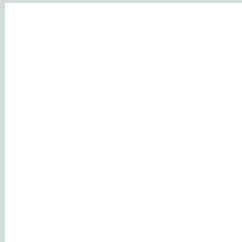
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8805, 0.3064, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 69.8805, 0.3064, 0.3268.

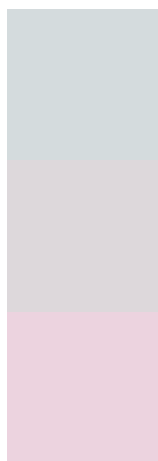


This preview shows how white text looks on a background with the Yxy color 69.8805, 0.3064, 0.3268.

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

69.8805, 0.3064, 0.3268

Protanopia

69.5984, 0.3143, 0.3257

Deuteranopia

69.7491, 0.3230, 0.3164



Tritanopia

69.8624, 0.2995, 0.3105

Trichromacy



Original Color

69.8805, 0.3064, 0.3268

Protanomaly

69.6984, 0.3114, 0.3257

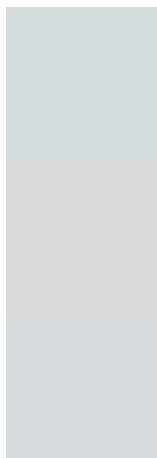
Deuteranomaly

69.6980, 0.3168, 0.3204

Tritanomaly

69.9461, 0.3020, 0.3169

Monochromacy



Original Color

69.8805, 0.3064, 0.3268

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.6518, 0.3106, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8805, 0.3064, 0.3268 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(212, 219, 221)` looks like.

```
.text, #text, p{  
    color:rgb(212, 219, 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(212, 219, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 219, 221) }
```

Border

The CSS property to change the border of an element to Yxy 69.8805, 0.3064, 0.3268 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(212, 219, 221) }
```

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

```
.border{ border-color:rgb(212, 219, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 219, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 219, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 219, 221);  
box-shadow:4px 4px 4px 4px rgb(212, 219,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8805, 0.3064, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 219, 221) }
```

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

```
.background{ background-color: rgb(212,  
219, 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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