

Converting Colors

$Y_{xy}(70.0064, 0.3103, 0.3322)$

Have a look what the booklet for
Yxy(70.0064, 0.3103, 0.3322)
contains.

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Color

Yxy(69.7670, 0.3104, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	D5DBD8
RGB	213, 219, 216
RGB Percent	84%, 86%, 85%
CMY	0.1647, 0.1412, 0.1528
CMYK	0.03, 0.00, 0.01, 0.14
HSL	150°, 8%, 85%
HSV	150°, 3%, 86%
XYZ	65.1691, 69.7670, 75.0158
YIQ	216.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

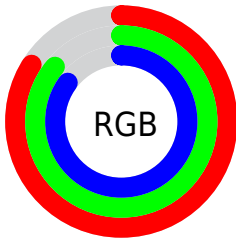
Format	Color
R _Y B	213, 217, 219
Decimal	14015448
CIE Lab	86.88, -2.56, 0.74
CIE LCh	87, 2.666, 163.855
Yxy	69.7670, 0.3104, 0.3323
Android (android.graphics.Color)	4292205528 (0xFFD5DBD8)
YUV	216.8640, -0.4260, -3.3887
Hunter-Lab	83.5266, -6.9026, 5.2199

Details

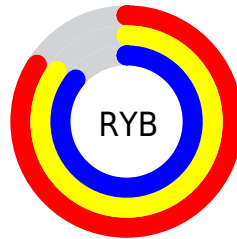
The Yxy color **69.7670, 0.3104, 0.3323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6051, 0.3151, 0.3257**, and the grayscale version is **69.2969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3932, 0.3097, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **66.1703, 0.3020, 0.3453**, and if you desaturate by 10%, it is **73.8490, 0.3189, 0.3208**.

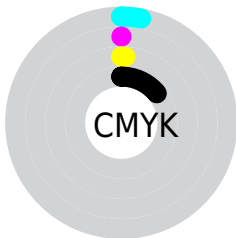
Distribution



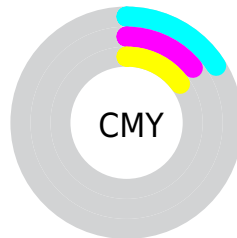
- Red (84%)
- Green (86%)
- Blue (85%)



- Red (84%)
- Yellow (85%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7670, 0.3104, 0.3323 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 69.7670, 0.3104, 0.3323 by changing the saturation by 10% instead.

■ 69.7670, 0.3104,
0.3323

■ 69.7670, 0.3104,
0.3323

459.7315, 0.3115,
0.3308

■ 51.3366, 0.3101,
0.3327

118.8764, 0.3108,
0.3318

■ 36.4766, 0.3098,
0.3331

150.3242, 0.3109,
0.3316

■ 24.8025, 0.3094,
0.3337

186.8800, 0.3111,
0.3314

■ 15.9300, 0.3089,
0.3344

228.9281, 0.3112,
0.3312

■ 9.4746, 0.3082,
0.3354

276.8528, 0.3113,
0.3311

■ 5.0520, 0.3071,
0.3369

331.0387, 0.3113,

■ 2.2778, 0.3054,

0.3310

0.3394

391.8702, 0.3114,
0.3309

0.7619, 0.3006,
0.3461

0.0000, 0.0000,
0.0000

69.7670, 0.3104,
0.3323

69.7670, 0.3104,
0.3323

66.1703, 0.3020,
0.3453

73.8490, 0.3189,
0.3208

63.0315, 0.2940,
0.3597

78.0816, 0.3259,
0.3105

60.3342, 0.2865,
0.3756

78.7378, 0.3186,
0.3001

58.0575, 0.2798,
0.3928

79.1446, 0.3144,
0.2940

■ 56.1786, 0.2744,
0.4112

■ 54.6727, 0.2705,
0.4304

■ 53.5118, 0.2684,
0.4500

■ 52.6641, 0.2683,
0.4694

■ 52.0911, 0.2702,
0.4881

Harmonies

Analogous

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



69.7670, 0.3137, 0.3342



69.7670, 0.3104, 0.3323



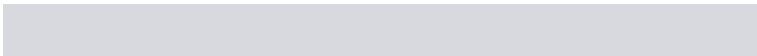
69.7670, 0.3078, 0.3295

Triad

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



69.7670, 0.3104, 0.3323



69.7670, 0.3087, 0.3234



69.7670, 0.3190, 0.3313

Complementary

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



69.7670, 0.3104, 0.3323



67.6051, 0.3151, 0.3257

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.



69.7670, 0.3177, 0.3285



69.7670, 0.3104, 0.3323



69.7670, 0.3118, 0.3239

Square

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



69.7670, 0.3104, 0.3323



69.7670, 0.3068, 0.3244



69.7670, 0.3150, 0.3258



69.7670, 0.3187, 0.3336

Rectangle

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



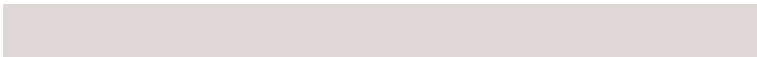
69.7670, 0.3104, 0.3323



69.7670, 0.3067, 0.3276



69.7670, 0.3150, 0.3258



69.7670, 0.3188, 0.3304

Sweetspot

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



69.7700, 0.3104, 0.3323



99.4385, 0.3119, 0.3302



70.0678, 0.3146, 0.3357



21.2898, 0.3119, 0.3301



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.



69.7700, 0.3104, 0.3323



98.3362, 0.3102, 0.3327



69.9253, 0.3084, 0.3290



15.1674, 0.3095, 0.3336



30.7371, 0.2718, 0.4984



2.0087, 0.2635, 0.4687

Inverse Universe

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



67.6051, 0.3151, 0.3257



94.9697, 0.3153, 0.3254



67.4527, 0.3171, 0.3290



14.5204, 0.3160, 0.3245



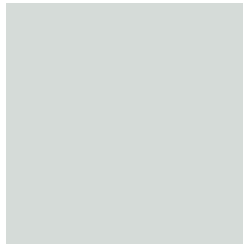
9.6002, 0.4969, 0.2511



0.6393, 0.4606, 0.2311

Previews

White Background



This preview shows how the Yxy color 69.7670, 0.3104, 0.3323 looks on a white background.

Color Contrast Check

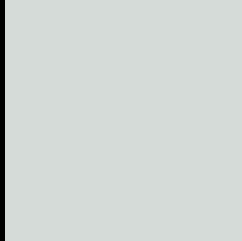
Large Text (above 18pt) WCAG AA × Fail

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 69.7670, 0.3104, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

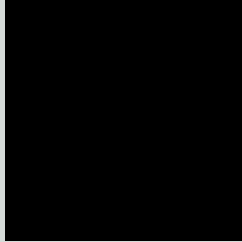
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

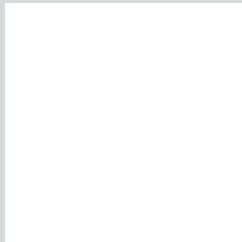
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.7670, 0.3104, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 69.7670, 0.3104, 0.3323.



This preview shows how white text looks on a background with the Yxy color 69.7670, 0.3104, 0.3323.

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

69.5939, 0.3015, 0.3105

Trichromacy



Original Color

69.7670, 0.3104, 0.3323

Protanomaly

69.5921, 0.3155, 0.3312

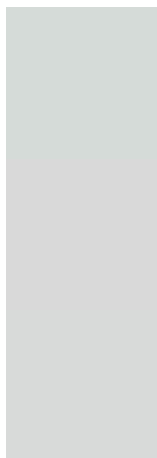
Deuteranomaly

69.2563, 0.3218, 0.3247

Tritanomaly

69.6188, 0.3047, 0.3180

Monochromacy



Original Color

69.7670, 0.3104, 0.3323

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.7515, 0.3119, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7670, 0.3104, 0.3323 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(213, 219, 216)` looks like.

```
.text, #text, p{  
    color:rgb(213, 219, 216)  
}
```

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(213, 219, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 219, 216) }
```

Border

The CSS property to change the border of an element to Yxy 69.7670, 0.3104, 0.3323 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(213, 219, 216) }
```

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

```
.border{ border-color:rgb(213, 219, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 219, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 219, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 219, 216);  
box-shadow:4px 4px 4px 4px rgb(213, 219,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7670, 0.3104, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 219, 216) }
```

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

```
.background{ background-color: rgb(213,  
219, 216) }
```

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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