

Converting Colors

Yxy(67.6211, 0.3081, 0.3265)

Have a look what the booklet for
Yxy(67.6211, 0.3081, 0.3265)
contains.

| | |
|--|----|
| Yxy(67.5117, 0.3078, 0.3256) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(67.5117, 0.3078, 0.3256)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D3D7DA |
| RGB | 211, 215, 218 |
| RGB Percent | 83%, 84%, 85% |
| CMY | 0.1726, 0.1568, 0.1450 |
| CMYK | 0.03, 0.01, 0.00, 0.15 |
| HSL | 206°, 9%, 84% |
| HSV | 206°, 3%, 85% |
| XYZ | 63.8209, 67.5117, 76.0129 |
| YIQ | 214.1460, -3.3470, 0.0850 |

Conversions

Conversions Part 2

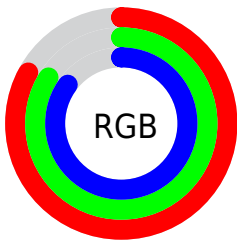
| Format | Color |
|-------------------------------------|---|
| RYB | 211, 214, 218 |
| Decimal | 13883354 |
| CIELab | 85.76, -0.79, -1.97 |
| CIELCh | 86, 2.123, 248.103 |
| Yxy | 67.5117, 0.3078, 0.3256 |
| Android (android.graphics.Color) | 4292073434 (0xFFD3D7DA) |
| YUV | 214.1460, 1.9000, -2.7590 |
| Hunter-Lab | 82.1655, -5.1422, 2.6655 |

Details

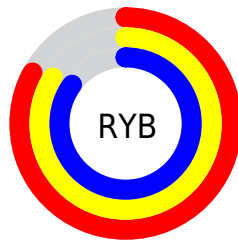
The Yxy color **67.5117, 0.3078, 0.3256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7150, 0.3177, 0.3324**, and the grayscale version is **67.3394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9541, 0.3072, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **59.8718, 0.2922, 0.3143**, and if you desaturate by 10%, it is **75.8676, 0.3229, 0.3357**.

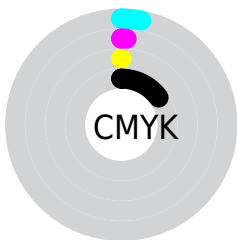
Distribution



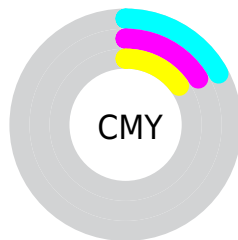
- Red (83%)
- Green (84%)
- Blue (85%)



- Red (83%)
- Yellow (84%)
- Blue (85%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.5117, 0.3078, 0.3256 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 67.5117, 0.3078, 0.3256 by changing the saturation by 10% instead.

■ 67.5117, 0.3078,
0.3256

■ 67.5117, 0.3078,
0.3256

451.7640, 0.3101,
0.3272

■ 49.5006, 0.3073,
0.3252

115.6533, 0.3086,
0.3262

■ 35.0167, 0.3066,
0.3248

146.5526, 0.3089,
0.3264

■ 23.6758, 0.3057,
0.3242

182.5168, 0.3092,
0.3266

■ 15.0933, 0.3046,
0.3234

223.9301, 0.3094,
0.3267

■ 8.8849, 0.3031,
0.3223

271.1772, 0.3096,
0.3269

■ 4.6662, 0.3008,
0.3207

324.6422, 0.3098,

■ 2.0528, 0.2970,

0.3270

0.3180

384.7097, 0.3100,
0.3271

0.6379, 0.2853,
0.3101

0.0000, 0.0000,
0.0000

67.5117, 0.3078,
0.3256

67.5117, 0.3078,
0.3256

59.8718, 0.2922,
0.3143

75.8676, 0.3229,
0.3357

52.9174, 0.2764,
0.3017

84.9518, 0.3372,
0.3447

46.6279, 0.2605,
0.2879

90.4988, 0.3362,
0.3538

40.9786, 0.2450,
0.2731

96.2570, 0.3349,
0.3627

■ 35.9428, 0.2302,
0.2573

■ 97.8432, 0.3345,
0.3651

■ 31.4915, 0.2167,
0.2408

■ 27.5925, 0.2049,
0.2240

■ 24.2096, 0.1951,
0.2072

■ 21.2996, 0.1875,
0.1909

Harmonies

Analogous

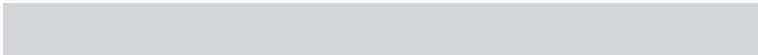
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.5117, 0.3078, 0.3275



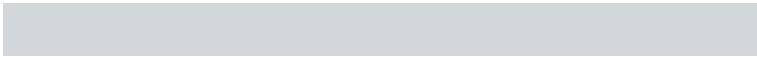
67.5117, 0.3078, 0.3256



67.5117, 0.3091, 0.3246

Triad

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



67.5117, 0.3078, 0.3256



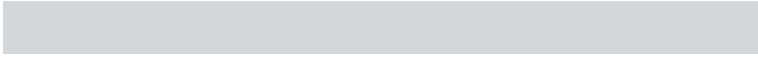
67.5117, 0.3164, 0.3281



67.5117, 0.3140, 0.3333

Complementary

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



67.5117, 0.3078, 0.3256



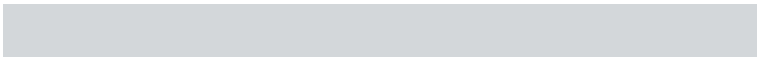
67.7150, 0.3177, 0.3324

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.



67.5117, 0.3163, 0.3335



67.5117, 0.3078, 0.3256



67.5117, 0.3177, 0.3305

Square

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



67.5117, 0.3078, 0.3256



67.5117, 0.3141, 0.3261



67.5117, 0.3177, 0.3324



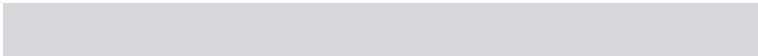
67.5117, 0.3113, 0.3320

Rectangle

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



67.5117, 0.3078, 0.3256



67.5117, 0.3106, 0.3246



67.5117, 0.3177, 0.3324



67.5117, 0.3148, 0.3335

Sweetspot

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



67.5146, 0.3078, 0.3256



98.8221, 0.3112, 0.3280



68.8554, 0.3104, 0.3336



21.1644, 0.3113, 0.3280



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

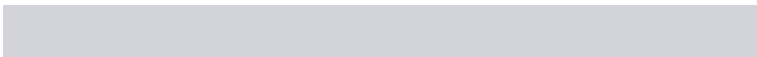
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.5146, 0.3078, 0.3256



95.3504, 0.3066, 0.3247



65.7908, 0.3079, 0.3217



14.6478, 0.3055, 0.3240



11.9280, 0.1840, 0.1825



0.9426, 0.1913, 0.2087

Inverse Universe

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



66.4032, 0.3152, 0.3246



93.3846, 0.3158, 0.3234



69.4646, 0.3175, 0.3362



14.2947, 0.3163, 0.3225



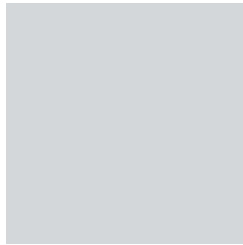
9.8279, 0.4656, 0.2338



0.6538, 0.4356, 0.2173

Previews

White Background



This preview shows how the Yxy color 67.5117, 0.3078, 0.3256 looks on a white background.

Color Contrast Check

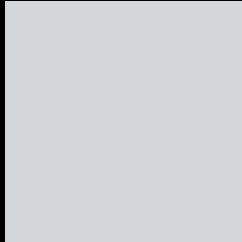
Large Text (above 18pt) WCAG AA × Fail

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 67.5117, 0.3078, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

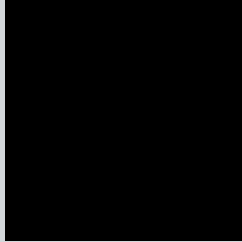
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

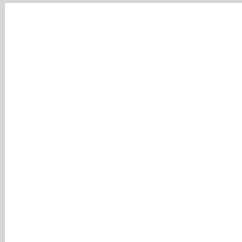
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5117, 0.3078, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 67.5117, 0.3078, 0.3256.

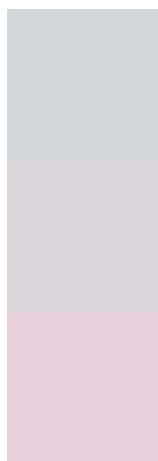


This preview shows how white text looks on a background with the Yxy color 67.5117, 0.3078, 0.3256.

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

67.5117, 0.3078, 0.3256

Protanopia

67.3500, 0.3129, 0.3246

Deuteranopia

67.5499, 0.3238, 0.3173



Tritanopia

67.4478, 0.3014, 0.3103

Trichromacy



Original Color

67.5117, 0.3078, 0.3256

Protanomaly

67.5500, 0.3114, 0.3257

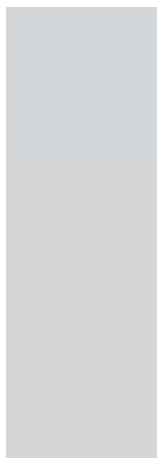
Deuteranomaly

67.7106, 0.3176, 0.3203

Tritanomaly

67.5812, 0.3033, 0.3157

Monochromacy



Original Color

67.5117, 0.3078, 0.3256

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.1456, 0.3113, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5117, 0.3078, 0.3256 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(211, 215, 218)` looks like.

```
.text, #text, p{  
    color:rgb(211, 215, 218)  
}
```

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(211, 215, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 215, 218) }
```

Border

The CSS property to change the border of an element to Yxy 67.5117, 0.3078, 0.3256 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(211, 215, 218) }
```

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

```
.border{ border-color:rgb(211, 215, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 215, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 215, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 215, 218);  
box-shadow:4px 4px 4px 4px rgb(211, 215,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5117, 0.3078, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 215, 218) }
```

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

```
.background{ background-color: rgb(211,  
215, 218) }
```

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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