

Converting Colors

$Y_{xy}(70.5174, 0.3122, 0.3349)$

Have a look what the booklet for
Yxy(70.5174, 0.3122, 0.3349)
contains.

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Color

Yxy(70.3888, 0.3117, 0.3345)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D6DCD7 |
| RGB | 214, 220, 215 |
| RGB Percent | 84%, 86%, 84% |
| CMY | 0.1609, 0.1372, 0.1567 |
| CMYK | 0.03, 0.00, 0.02, 0.14 |
| HSL | 131°, 8%, 85% |
| HSV | 131°, 3%, 86% |
| XYZ | 65.5910, 70.3888, 74.4501 |
| YIQ | 217.6360, -1.9710, -2.8270 |

Conversions

Conversions Part 2

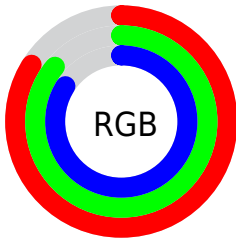
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 214, 219, 220 |
| Decimal | 14081239 |
| CIE Lab | 87.19, -2.93, 1.71 |
| CIE LCh | 87, 3.390, 149.663 |
| Yxy | 70.3888, 0.3117, 0.3345 |
| Android (android.graphics.Color) | 4292271319 (0xFFD6DCD7) |
| YUV | 217.6360, -1.2995, -3.1888 |
| Hunter-Lab | 83.8980, -7.2713, 6.1154 |

Details

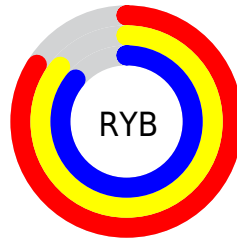
The Yxy color **70.3888, 0.3117, 0.3345** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4121, 0.3137, 0.3236**, and the grayscale version is **69.8592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8193, 0.3114, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **66.4220, 0.3079, 0.3563**, and if you desaturate by 10%, it is **74.9118, 0.3154, 0.3154**.

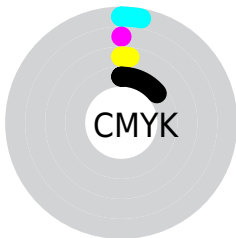
Distribution



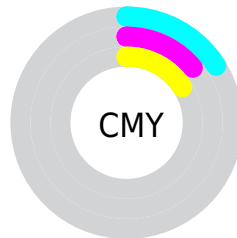
- Red (84%)
- Green (86%)
- Blue (84%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3888, 0.3117, 0.3345 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 70.3888, 0.3117, 0.3345 by changing the saturation by 10% instead.

■ 70.3888, 0.3117,
0.3345

■ 70.3888, 0.3117,
0.3345

461.9140, 0.3122,
0.3319

■ 51.8436, 0.3116,
0.3351

119.7630, 0.3119,
0.3336

■ 36.8804, 0.3114,
0.3358

151.3608, 0.3119,
0.3333

■ 25.1149, 0.3113,
0.3368

188.0783, 0.3120,
0.3330

■ 16.1627, 0.3110,
0.3380

230.2998, 0.3120,
0.3327

■ 9.6393, 0.3107,
0.3397

278.4097, 0.3121,
0.3325

■ 5.1605, 0.3102,
0.3423

332.7924, 0.3121,

■ 2.3417, 0.3094,

0.3323

0.3463

393.8324, 0.3122,
0.3321

0.7957, 0.3075,
0.3573

0.0000, 0.0000,
0.0000

70.3888, 0.3117,
0.3345

70.3888, 0.3117,
0.3345

66.4220, 0.3079,
0.3563

74.9118, 0.3154,
0.3154

62.9812, 0.3042,
0.3809

79.4317, 0.3168,
0.2985

60.0468, 0.3005,
0.4082

79.6696, 0.3143,
0.2950

57.5949, 0.2973,
0.4376

■ 55.5992, 0.2946,
0.4684

■ 54.0311, 0.2929,
0.4993

■ 52.8587, 0.2922,
0.5284

■ 52.0455, 0.2927,
0.5539

■ 51.5480, 0.2943,
0.5741

Harmonies

Analogous

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



70.3888, 0.3158, 0.3361



70.3888, 0.3117, 0.3345



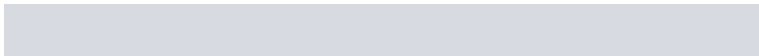
70.3888, 0.3079, 0.3314

Triad

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



70.3888, 0.3117, 0.3345



70.3888, 0.3063, 0.3223



70.3888, 0.3202, 0.3303

Complementary

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



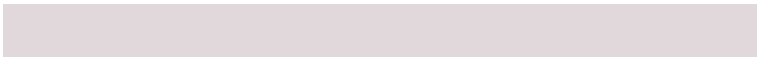
70.3888, 0.3117, 0.3345



68.4121, 0.3137, 0.3236

Split Complementary

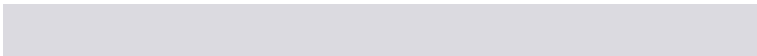
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.3888, 0.3176, 0.3266



70.3888, 0.3117, 0.3345



70.3888, 0.3096, 0.3221

Square

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



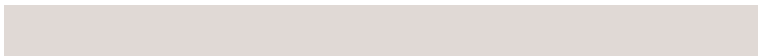
70.3888, 0.3117, 0.3345



70.3888, 0.3048, 0.3244



70.3888, 0.3137, 0.3236



70.3888, 0.3208, 0.3336

Rectangle

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



70.3888, 0.3117, 0.3345



70.3888, 0.3060, 0.3289



70.3888, 0.3137, 0.3236



70.3888, 0.3195, 0.3290

Sweetspot

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



70.3918, 0.3117, 0.3345



99.3851, 0.3123, 0.3310



71.1042, 0.3160, 0.3356



21.2790, 0.3124, 0.3309



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.



70.3918, 0.3117, 0.3345



98.1789, 0.3116, 0.3351



70.5450, 0.3098, 0.3312



15.1372, 0.3113, 0.3366



30.1379, 0.2953, 0.5831



1.9640, 0.2874, 0.5548

Inverse Universe

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



68.4121, 0.3137, 0.3236



95.1290, 0.3139, 0.3230



68.2581, 0.3158, 0.3268



14.5510, 0.3141, 0.3215



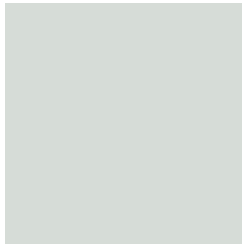
10.9053, 0.3711, 0.1818



0.7171, 0.3615, 0.1765

Previews

White Background



This preview shows how the Yxy color 70.3888, 0.3117, 0.3345 looks on a white background.

Color Contrast Check

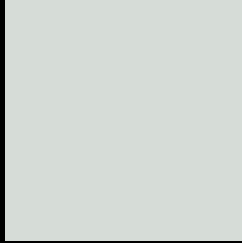
Large Text (above 18pt) WCAG AA × Fail

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 70.3888, 0.3117, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

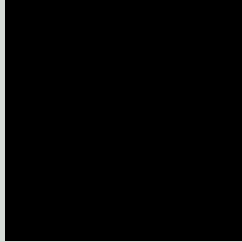
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

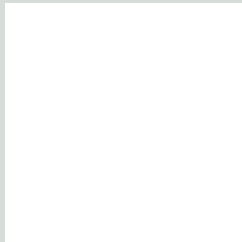
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3888, 0.3117, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 70.3888, 0.3117, 0.3345.

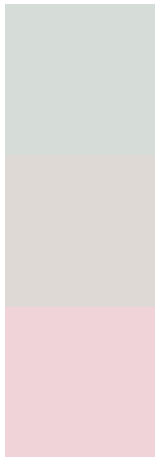


This preview shows how white text looks on a background with the Yxy color 70.3888, 0.3117, 0.3345.

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

70.3888, 0.3117, 0.3345

Protanopia

70.1687, 0.3191, 0.3323

Deuteranopia

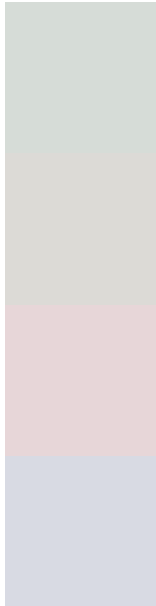
70.1236, 0.3302, 0.3227



Tritanopia

70.3179, 0.3016, 0.3106

Trichromacy



Original Color

70.3888, 0.3117, 0.3345

Protanomaly

70.2135, 0.3168, 0.3334

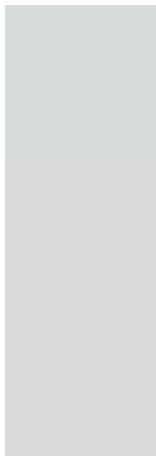
Deuteranomaly

70.0399, 0.3239, 0.3269

Tritanomaly

70.2878, 0.3054, 0.3191

Monochromacy



Original Color

70.3888, 0.3117, 0.3345

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.4245, 0.3126, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3888, 0.3117, 0.3345 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(214, 220, 215) looks like.

```
.text, #text, p{  
    color:rgb(214, 220, 215)  
}
```

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(214, 220, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 220, 215) }
```

Border

The CSS property to change the border of an element to Yxy 70.3888, 0.3117, 0.3345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

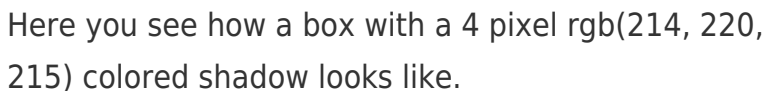
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 220, 215) }
```

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

```
.border{ border-color:rgb(214, 220, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(214, 220, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 220, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 220, 215); box-shadow:4px 4px 4px 4px rgb(214, 220, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3888, 0.3117, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 220, 215) }
```

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

```
.background{ background-color: rgb(214,  
220, 215) }
```

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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