

Converting Colors

Yxy(66.7859, 0.3048, 0.3347)

Have a look what the booklet for
Yxy(66.7859, 0.3048, 0.3347)
contains.

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Color

Yxy(66.7967, 0.3046, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	C9D9D4
RGB	201, 217, 212
RGB Percent	79%, 85%, 83%
CMY	0.2117, 0.1490, 0.1686
CMYK	0.07, 0.00, 0.02, 0.15
HSL	161°, 17%, 82%
HSV	161°, 7%, 85%
XYZ	60.7896, 66.7967, 71.9856
YIQ	211.6460, -7.9310, -4.9470

Conversions

Conversions Part 2

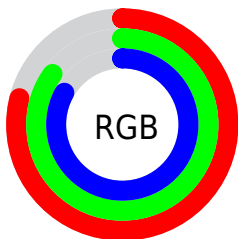
Format	Color
R _Y B	201, 210, 217
Decimal	13228500
CIE Lab	85.40, -6.28, 0.60
CIE LCh	85, 6.311, 174.556
Yxy	66.7967, 0.3046, 0.3347
Android (android.graphics.Color)	4291418580 (0xFFC9D9D4)
YUV	211.6460, 0.1745, -9.3365
Hunter-Lab	81.7292, -10.2593, 4.9890

Details

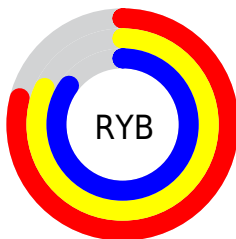
The Yxy color **66.7967, 0.3046, 0.3347** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9919, 0.3215, 0.3234**, and the grayscale version is **65.5982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4780, 0.3030, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **63.6666, 0.2939, 0.3432**, and if you desaturate by 10%, it is **70.3716, 0.3157, 0.3271**.

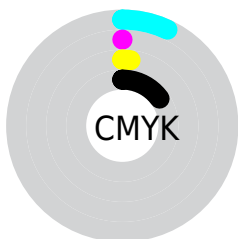
Distribution



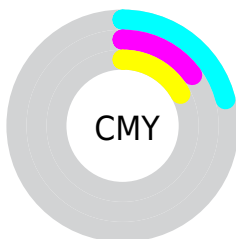
- Red (79%)
- Green (85%)
- Blue (83%)



- Red (79%)
- Yellow (82%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7967, 0.3046, 0.3347 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 66.7967, 0.3046, 0.3347 by changing the saturation by 10% instead.

■ 66.7967, 0.3046,
0.3347

■ 66.7967, 0.3046,
0.3347

449.2208, 0.3084,
0.3320

■ 48.9194, 0.3037,
0.3353

114.6291, 0.3059,
0.3338

■ 34.5556, 0.3026,
0.3361

145.3529, 0.3065,
0.3334

■ 23.3207, 0.3012,
0.3371

181.1278, 0.3069,
0.3331

■ 14.8305, 0.2993,
0.3384

222.3380, 0.3073,
0.3328

■ 8.7005, 0.2967,
0.3403

269.3681, 0.3076,
0.3326

■ 4.5464, 0.2928,
0.3430

322.6023, 0.3079,

■ 1.9836, 0.2864,

0.3324

0.3476

382.4250, 0.3082,
0.3322

0.5979, 0.2558,
0.3686

0.0000, 0.0000,
0.0000

66.7967, 0.3046,
0.3347

66.7967, 0.3046,
0.3347

63.6666, 0.2939,
0.3432

70.3716, 0.3157,
0.3271

60.9549, 0.2838,
0.3525

74.3998, 0.3268,
0.3202

58.6454, 0.2747,
0.3625


76.7290, 0.3299,
0.3138


56.7174, 0.2668,
0.3733


77.1218, 0.3252,
0.3072

 55.1484, 0.2604,
0.3847


 77.5296, 0.3206,
0.3006


 53.9134, 0.2558,
0.3964

 77.9525, 0.3160,
0.2942

 52.9841, 0.2531,
0.4084

 78.1046, 0.3145,
0.2920

 52.3276, 0.2525,
0.4203

 51.8992, 0.2538,
0.4321

Harmonies

Analogous

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



66.7967, 0.3121, 0.3402



66.7967, 0.3046, 0.3347



66.7967, 0.2993, 0.3276

Triad

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



66.7967, 0.3046, 0.3347



66.7967, 0.3055, 0.3157



66.7967, 0.3281, 0.3367

Complementary

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



66.7967, 0.3046, 0.3347



60.9919, 0.3215, 0.3234

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.



66.7967, 0.3263, 0.3301



66.7967, 0.3046, 0.3347



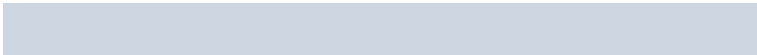
66.7967, 0.3132, 0.3182

Square

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



66.7967, 0.3046, 0.3347



66.7967, 0.2998, 0.3168



66.7967, 0.3208, 0.3234



66.7967, 0.3257, 0.3413

Rectangle

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



66.7967, 0.3046, 0.3347



66.7967, 0.2977, 0.3231



66.7967, 0.3208, 0.3234



66.7967, 0.3280, 0.3346

Sweetspot

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



66.7995, 0.3046, 0.3347



98.9435, 0.3105, 0.3305



66.9762, 0.3155, 0.3474



21.1890, 0.3106, 0.3304



0.0000, 0.0000, 0.0000



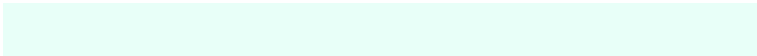
21.4041, 0.3127, 0.3290

Same Dimension

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



66.7995, 0.3046, 0.3347



95.4517, 0.3027, 0.3361



65.5585, 0.3014, 0.3256



14.7568, 0.3023, 0.3364



31.3803, 0.2537, 0.4335



2.0482, 0.2484, 0.4143

Inverse Universe

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



60.9919, 0.3215, 0.3234



85.2457, 0.3238, 0.3220



62.1323, 0.3249, 0.3324



13.1181, 0.3243, 0.3217



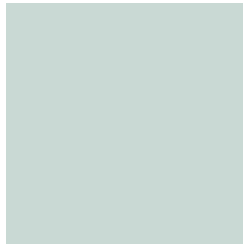
9.1970, 0.5709, 0.2918



0.6111, 0.5242, 0.2662

Previews

White Background



This preview shows how the Yxy color 66.7967, 0.3046, 0.3347 looks on a white background.

Color Contrast Check

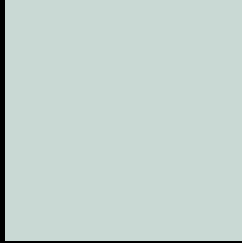
Large Text (above 18pt) WCAG AA × Fail

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 66.7967, 0.3046, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

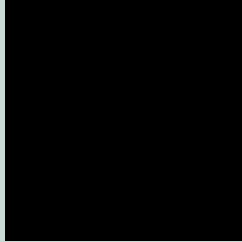
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

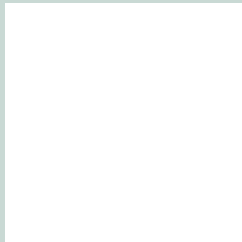
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7967, 0.3046, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 66.7967, 0.3046, 0.3347.

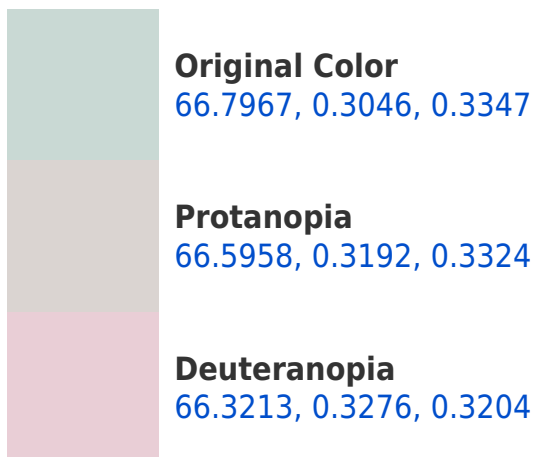


This preview shows how white text looks on a background with the Yxy color 66.7967, 0.3046, 0.3347.

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

66.7000, 0.2945, 0.3099

Trichromacy



Original Color

66.7967, 0.3046, 0.3347

Protanomaly

66.7433, 0.3140, 0.3335

Deuteranomaly

66.2694, 0.3188, 0.3257

Tritanomaly

66.6792, 0.2982, 0.3188

Monochromacy



Original Color

66.7967, 0.3046, 0.3347

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.2565, 0.3097, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7967, 0.3046, 0.3347 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(201, 217, 212)` looks like.

```
.text, #text, p{  
    color:rgb(201, 217, 212)  
}
```

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(201, 217, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 217, 212) }
```

Border

The CSS property to change the border of an element to Yxy 66.7967, 0.3046, 0.3347 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(201, 217, 212) }
```

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

```
.border{ border-color:rgb(201, 217, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 217, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 217, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 217, 212);  
box-shadow:4px 4px 4px 4px rgb(201, 217,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7967, 0.3046, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 217, 212) }
```

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

```
.background{ background-color: rgb(201,  
217, 212) }
```

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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