

Converting Colors

Yxy(66.8193, 0.3076, 0.3363)

Have a look what the booklet for
Yxy(66.8193, 0.3076, 0.3363)
contains.

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Color

Yxy(67.1162, 0.3080, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	CCD9D2
RGB	204, 217, 210
RGB Percent	80%, 85%, 82%
CMY	0.2001, 0.1490, 0.1764
CMYK	0.06, 0.00, 0.03, 0.15
HSL	148°, 15%, 83%
HSV	148°, 6%, 85%
XYZ	61.3406, 67.1162, 70.7010
YIQ	212.3150, -5.5010, -4.9330

Conversions

Conversions Part 2

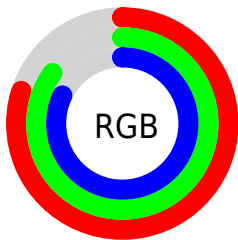
Format	Color
R _Y B	204, 213, 217
Decimal	13425106
CIE Lab	85.56, -5.68, 1.92
CIE LCh	86, 5.996, 161.329
Yxy	67.1162, 0.3080, 0.3370
Android (android.graphics.Color)	4291615186 (0xFFCCD9D2)
YUV	212.3150, -1.1413, -7.2923
Hunter-Lab	81.9245, -9.7167, 6.1797

Details

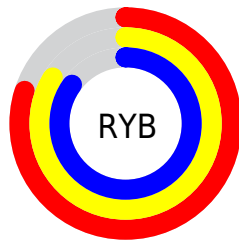
The Yxy color **67.1162, 0.3080, 0.3370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6233, 0.3177, 0.3211**, and the grayscale version is **66.0675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.7250, 0.3067, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **63.7044, 0.3003, 0.3516**, and if you desaturate by 10%, it is **71.0032, 0.3158, 0.3240**.

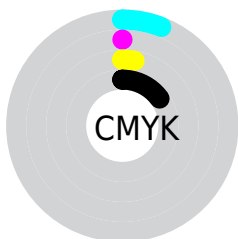
Distribution



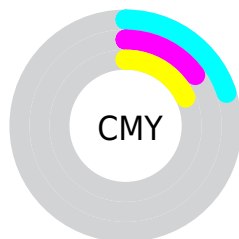
- Red (80%)
- Green (85%)
- Blue (82%)



- Red (80%)
- Yellow (84%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1162, 0.3080, 0.3370 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 67.1162, 0.3080, 0.3370 by changing the saturation by 10% instead.

■ 67.1162, 0.3080,
0.3370

■ 67.1162, 0.3080,
0.3370

450.3583, 0.3102,
0.3332

■ 49.1791, 0.3075,
0.3379

115.0869, 0.3088,
0.3357

■ 34.7615, 0.3068,
0.3390

145.8893, 0.3091,
0.3352

■ 23.4792, 0.3060,
0.3404

181.7488, 0.3093,
0.3347

■ 14.9478, 0.3049,
0.3423

223.0499, 0.3096,
0.3343

■ 8.7827, 0.3033,
0.3449

270.1771, 0.3098,
0.3340

■ 4.5997, 0.3010,
0.3489

323.5146, 0.3099,

■ 2.0144, 0.2972,

0.3337

0.3554

383.4468, 0.3101,
0.3335

0.6158, 0.2794,
0.3852

0.0000, 0.0000,
0.0000

67.1162, 0.3080,
0.3370

67.1162, 0.3080,
0.3370

63.7044, 0.3003,
0.3516

71.0032, 0.3158,
0.3240

60.7407, 0.2929,
0.3678

75.3742, 0.3236,
0.3125

58.2083, 0.2861,
0.3856

77.4824, 0.3212,
0.3015

56.0860, 0.2802,
0.4048

78.1133, 0.3145,
0.2920

■ 54.3508, 0.2756,
0.4252

■ 52.9772, 0.2726,
0.4462

■ 51.9365, 0.2714,
0.4673

■ 51.1957, 0.2722,
0.4879

■ 50.7135, 0.2750,
0.5073

Harmonies

Analogous

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



67.1162, 0.3155, 0.3411



67.1162, 0.3080, 0.3370



67.1162, 0.3019, 0.3307

Triad

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



67.1162, 0.3080, 0.3370



67.1162, 0.3032, 0.3164



67.1162, 0.3271, 0.3337

Complementary

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



67.1162, 0.3080, 0.3370



62.6233, 0.3177, 0.3211

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.



67.1162, 0.3237, 0.3272



67.1162, 0.3080, 0.3370



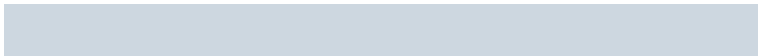
67.1162, 0.3099, 0.3173

Square

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



67.1162, 0.3080, 0.3370



67.1162, 0.2991, 0.3188



67.1162, 0.3174, 0.3212



67.1162, 0.3265, 0.3391

Rectangle

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



67.1162, 0.3080, 0.3370



67.1162, 0.2993, 0.3262



67.1162, 0.3174, 0.3212



67.1162, 0.3263, 0.3316

Sweetspot

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



67.1191, 0.3080, 0.3370



98.8705, 0.3111, 0.3316



67.8608, 0.3172, 0.3438



21.1742, 0.3112, 0.3315



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.



67.1191, 0.3080, 0.3370



96.1688, 0.3072, 0.3385



67.4420, 0.3038, 0.3297



14.8549, 0.3068, 0.3391



30.6253, 0.2756, 0.5120



2.0013, 0.2669, 0.4808

Inverse Universe

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



62.6233, 0.3177, 0.3211



88.6139, 0.3186, 0.3197



62.3111, 0.3223, 0.3283



13.6083, 0.3191, 0.3191



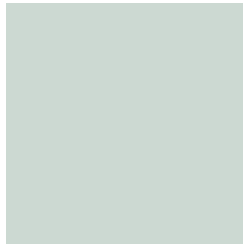
9.7209, 0.4796, 0.2415



0.6471, 0.4467, 0.2234

Previews

White Background



This preview shows how the Yxy color 67.1162, 0.3080, 0.3370 looks on a white background.

Color Contrast Check

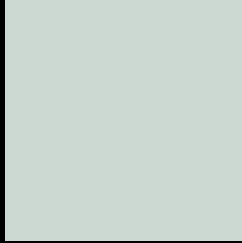
Large Text (above 18pt) WCAG AA × Fail

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 67.1162, 0.3080, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

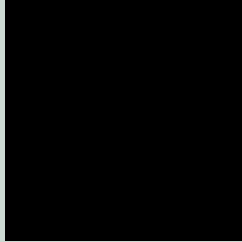
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

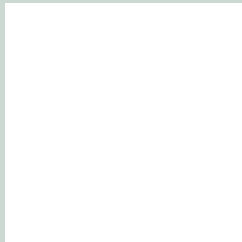
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1162, 0.3080, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 67.1162, 0.3080, 0.3370.



This preview shows how white text looks on a background with the Yxy color 67.1162, 0.3080, 0.3370.

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

67.1162, 0.3080, 0.3370

Protanopia

67.2026, 0.3206, 0.3346

Deuteranopia

67.0413, 0.3305, 0.3237



Tritanopia

67.1281, 0.2965, 0.3101

Trichromacy



Original Color

67.1162, 0.3080, 0.3370

Protanomaly

66.9927, 0.3161, 0.3346

Deuteranomaly

67.1390, 0.3224, 0.3290

Tritanomaly

67.0504, 0.3010, 0.3200

Monochromacy



Original Color

67.1162, 0.3080, 0.3370

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.3516, 0.3111, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1162, 0.3080, 0.3370 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(204, 217, 210) looks like.

```
.text, #text, p{  
    color:rgb(204, 217, 210)  
}
```

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(204, 217, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 217, 210) }
```

Border

The CSS property to change the border of an element to Yxy 67.1162, 0.3080, 0.3370 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(204, 217, 210) }
```

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

```
.border{ border-color:rgb(204, 217, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 217, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 217, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 217, 210);  
box-shadow:4px 4px 4px 4px rgb(204, 217,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1162, 0.3080, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 217, 210) }
```

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

```
.background{ background-color: rgb(204,  
217, 210) }
```

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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