

Converting Colors

Yxy(67.9864, 0.3131, 0.3398)

Have a look what the booklet for
Yxy(67.9864, 0.3131, 0.3398)
contains.

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Color

Yxy(67.7351, 0.3130, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	D1D9D0
RGB	209, 217, 208
RGB Percent	82%, 85%, 82%
CMY	0.1802, 0.1491, 0.1843
CMYK	0.04, 0.00, 0.04, 0.15
HSL	113°, 11%, 83%
HSV	113°, 4%, 85%
XYZ	62.5032, 67.7351, 69.4524
YIQ	213.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

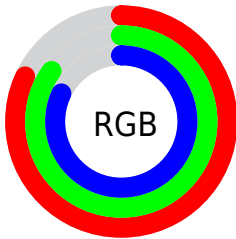
Format	Color
R_{YB}	208, 217, 216
Decimal	13752784
CIE Lab	85.87, -4.31, 3.48
CIE LCh	86, 5.540, 141.064
Yxy	67.7351, 0.3130, 0.3392
Android (android.graphics.Color)	4291942864 (0xFFD1D9D0)
YUV	213.5820, -2.7519, -4.0184
Hunter-Lab	82.3013, -8.4667, 7.5773

Details

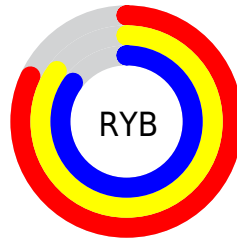
The Yxy color **67.7351, 0.3130, 0.3392** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.7094, 0.3124, 0.3190**, and the grayscale version is **66.9760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1423, 0.3131, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **64.1132, 0.3136, 0.3661**, and if you desaturate by 10%, it is **71.8449, 0.3123, 0.3155**.

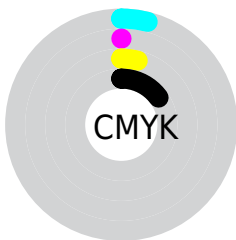
Distribution



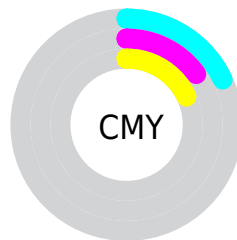
- Red (82%)
- Green (85%)
- Blue (82%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7351, 0.3130, 0.3392 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 67.7351, 0.3130, 0.3392 by changing the saturation by 10% instead.

■ 67.7351, 0.3130,
0.3392

■ 67.7351, 0.3130,
0.3392

452.5569, 0.3129,
0.3344

■ 49.6823, 0.3130,
0.3403

115.9731, 0.3130,
0.3375

■ 35.1610, 0.3130,
0.3417

146.9271, 0.3129,
0.3369

■ 23.7869, 0.3131,
0.3435

182.9502, 0.3129,
0.3363

■ 15.1756, 0.3131,
0.3459

224.4268, 0.3129,
0.3358

■ 8.9427, 0.3131,
0.3493

271.7414, 0.3129,
0.3354

■ 4.7039, 0.3132,
0.3543

325.2784, 0.3129,

■ 2.0746, 0.3131,

0.3350

0.3625

385.4221, 0.3129,
0.3347

0.6503, 0.3151,
0.3995

0.0000, 0.0000,
0.0000

67.7351, 0.3130,
0.3392

67.7351, 0.3130,
0.3392

64.1132, 0.3136,
0.3661

71.8449, 0.3123,
0.3155

60.9526, 0.3139,
0.3961

76.4505, 0.3115,
0.2948

58.2374, 0.3139,
0.4288

78.1009, 0.3145,
0.2920

55.9476, 0.3135,
0.4633

■ 54.0613, 0.3125,
0.4979

■ 52.5550, 0.3110,
0.5306

■ 51.4026, 0.3090,
0.5587

■ 50.5746, 0.3065,
0.5800

■ 50.0366, 0.3039,
0.5932

Harmonies

Analogous

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



67.7351, 0.3197, 0.3409



67.7351, 0.3130, 0.3392



67.7351, 0.3063, 0.3346

Triad

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



67.7351, 0.3130, 0.3392



67.7351, 0.3010, 0.3186



67.7351, 0.3242, 0.3293

Complementary

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



67.7351, 0.3130, 0.3392



64.7094, 0.3124, 0.3190

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.



67.7351, 0.3191, 0.3235



67.7351, 0.3130, 0.3392



67.7351, 0.3057, 0.3173

Square

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



67.7351, 0.3130, 0.3392



67.7351, 0.2995, 0.3227



67.7351, 0.3123, 0.3191



67.7351, 0.3262, 0.3351

Rectangle

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



67.7351, 0.3130, 0.3392



67.7351, 0.3027, 0.3307



67.7351, 0.3123, 0.3191



67.7351, 0.3228, 0.3273

Sweetspot

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



67.7380, 0.3130, 0.3392



99.4124, 0.3128, 0.3314



68.3093, 0.3189, 0.3377



21.2845, 0.3128, 0.3313



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.



67.7380, 0.3130, 0.3392



97.1335, 0.3131, 0.3415



67.7486, 0.3100, 0.3354



14.9908, 0.3131, 0.3431



30.1932, 0.3031, 0.5975



1.9809, 0.3107, 0.5915

Inverse Universe

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



64.7094, 0.3124, 0.3190



91.8505, 0.3123, 0.3167



64.7007, 0.3155, 0.3226



14.0763, 0.3123, 0.3152



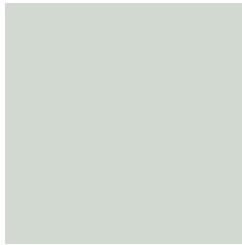
9.8101, 0.2916, 0.1380



0.6580, 0.2967, 0.1408

Previews

White Background



This preview shows how the Yxy color 67.7351, 0.3130, 0.3392 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 67.7351, 0.3130, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

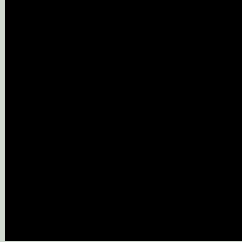
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

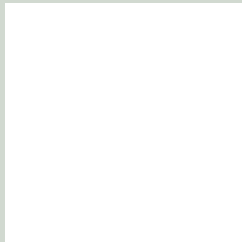
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7351, 0.3130, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 67.7351, 0.3130, 0.3392.

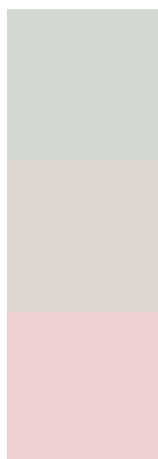


This preview shows how white text looks on a background with the Yxy color 67.7351, 0.3130, 0.3392.

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

67.7351, 0.3130, 0.3392

Protanopia

67.7650, 0.3227, 0.3379

Deuteranopia

67.7694, 0.3334, 0.3269



Tritanopia

67.9524, 0.3014, 0.3114

Trichromacy



Original Color

67.7351, 0.3130, 0.3392

Protanomaly

67.7048, 0.3189, 0.3380

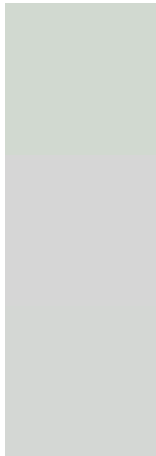
Deuteranomaly

67.5229, 0.3261, 0.3312

Tritanomaly

67.8719, 0.3059, 0.3212

Monochromacy



Original Color

67.7351, 0.3130, 0.3392

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.3514, 0.3126, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7351, 0.3130, 0.3392 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(209, 217, 208)` looks like.

```
.text, #text, p{  
    color:rgb(209, 217, 208)  
}
```

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(209, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 217, 208) }
```

Border

The CSS property to change the border of an element to Yxy 67.7351, 0.3130, 0.3392 is called "border". The border property can be set on classes, ids or directly on the HTML element.

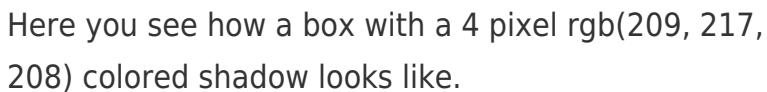
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 217, 208) }
```

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

```
.border{ border-color:rgb(209, 217, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 217, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 217, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 217, 208); box-shadow:4px 4px 4px 4px rgb(209, 217, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7351, 0.3130, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 217, 208) }
```

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

```
.background{ background-color: rgb(209,  
217, 208) }
```

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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