

Converting Colors

Yxy(64.8064, 0.3125, 0.3348)

Have a look what the booklet for
Yxy(64.8064, 0.3125, 0.3348)
contains.

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Color

Yxy(64.8574, 0.3124, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	CFD4CF
RGB	207, 212, 207
RGB Percent	81%, 83%, 81%
CMY	0.1883, 0.1686, 0.1881
CMYK	0.02, 0.00, 0.02, 0.17
HSL	121°, 6%, 82%
HSV	121°, 2%, 83%
XYZ	60.5362, 64.8574, 68.3842
YIQ	209.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

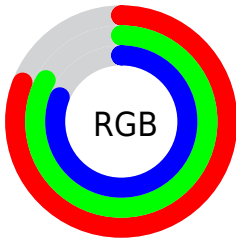
Format	Color
R _Y B	207, 212, 212
Decimal	13620431
CIE Lab	84.41, -2.61, 1.85
CIE LCh	84, 3.197, 144.743
Yxy	64.8574, 0.3124, 0.3347
Android (android.graphics.Color)	4291810511 (0xFFCFD4CF)
YUV	209.9350, -1.4470, -2.5740
Hunter-Lab	80.5341, -6.7591, 6.0288

Details

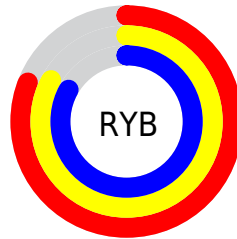
The Yxy color **64.8574, 0.3124, 0.3347** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3620, 0.3130, 0.3234**, and the grayscale version is **64.4148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.1862, 0.3124, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **61.0524, 0.3110, 0.3608**, and if you desaturate by 10%, it is **69.2136, 0.3137, 0.3120**.

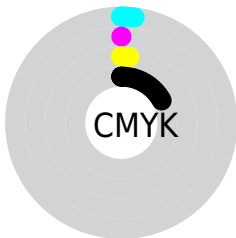
Distribution



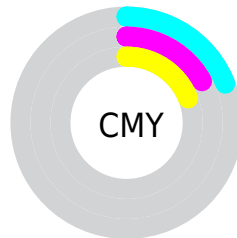
- Red (81%)
- Green (83%)
- Blue (81%)



- Red (81%)
- Yellow (83%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (19%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8574, 0.3124, 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 64.8574, 0.3124, 0.3347 by changing the saturation by 10% instead.

■ 64.8574, 0.3124,
0.3347

■ 64.8574, 0.3124,
0.3347

442.2794, 0.3126,
0.3320

■ 47.3455, 0.3124,
0.3353

111.8448, 0.3125,
0.3338

■ 33.3088, 0.3123,
0.3361

142.0891, 0.3125,
0.3334

■ 22.3631, 0.3122,
0.3371

177.3463, 0.3125,
0.3331

■ 14.1240, 0.3122,
0.3385

218.0007, 0.3125,
0.3328

■ 8.2069, 0.3120,
0.3404

264.4369, 0.3125,
0.3326

■ 4.2277, 0.3118,
0.3433

317.0391, 0.3125,

■ 1.8017, 0.3115,

0.3324

0.3481

376.1918, 0.3125,
0.3322

0.4882, 0.3101,
0.3781

0.0000, 0.0000,
0.0000

64.8574, 0.3124,
0.3347

64.8574, 0.3124,
0.3347

61.0524, 0.3110,
0.3608

69.2136, 0.3137,
0.3120

57.7688, 0.3094,
0.3904

74.1329, 0.3148,
0.2923

54.9863, 0.3077,
0.4230

75.5716, 0.3147,
0.2871

52.6804, 0.3059,
0.4579

■ 50.8243, 0.3042,
0.4935

■ 49.3886, 0.3026,
0.5274

■ 48.3406, 0.3013,
0.5569

■ 47.6426, 0.3004,
0.5795

■ 47.2493, 0.3000,
0.5936

Harmonies

Analogous

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



64.8574, 0.3164, 0.3359



64.8574, 0.3124, 0.3347



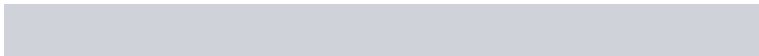
64.8574, 0.3085, 0.3319

Triad

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



64.8574, 0.3124, 0.3347



64.8574, 0.3061, 0.3227



64.8574, 0.3197, 0.3297

Complementary

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



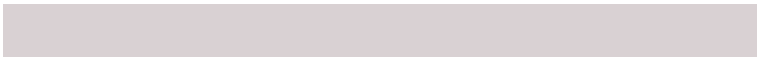
64.8574, 0.3124, 0.3347



63.3620, 0.3130, 0.3234

Split Complementary

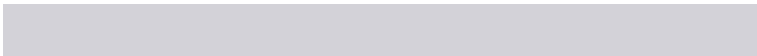
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.8574, 0.3169, 0.3262



64.8574, 0.3124, 0.3347



64.8574, 0.3091, 0.3222

Square

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



64.8574, 0.3124, 0.3347



64.8574, 0.3049, 0.3250



64.8574, 0.3130, 0.3234



64.8574, 0.3206, 0.3330

Rectangle

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



64.8574, 0.3124, 0.3347



64.8574, 0.3066, 0.3295



64.8574, 0.3130, 0.3234



64.8574, 0.3189, 0.3285

Sweetspot

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



64.8602, 0.3124, 0.3347



99.3585, 0.3126, 0.3314



65.5938, 0.3162, 0.3347



21.2736, 0.3126, 0.3313



0.0000, 0.0000, 0.0000



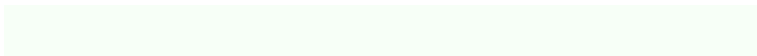
21.4041, 0.3127, 0.3290

Same Dimension

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



64.8602, 0.3124, 0.3347



98.1011, 0.3123, 0.3363



64.9811, 0.3107, 0.3319



14.3857, 0.3122, 0.3381



29.0741, 0.2997, 0.5991



1.7546, 0.2989, 0.5962

Inverse Universe

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



63.3620, 0.3130, 0.3234



95.2094, 0.3131, 0.3218



63.2393, 0.3148, 0.3261



13.8584, 0.3132, 0.3200



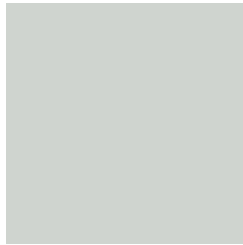
11.4912, 0.3242, 0.1560



0.6940, 0.3236, 0.1556

Previews

White Background



This preview shows how the Yxy color 64.8574, 0.3124, 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 64.8574, 0.3124, 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

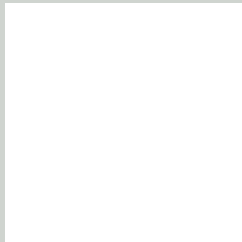
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8574, 0.3124, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 64.8574, 0.3124, 0.3347.



This preview shows how white text looks on a background with the Yxy color 64.8574, 0.3124, 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



Original Color

64.8574, 0.3124, 0.3347

Protanopia

64.9965, 0.3193, 0.3335

Deuteranopia

64.7781, 0.3300, 0.3236



Tritanopia

64.7936, 0.3019, 0.3100

Trichromacy



Original Color

64.8574, 0.3124, 0.3347

Protanomaly

65.0418, 0.3169, 0.3347

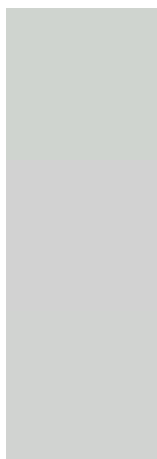
Deuteranomaly

64.7093, 0.3234, 0.3279

Tritanomaly

64.7630, 0.3058, 0.3188

Monochromacy



Original Color

64.8574, 0.3124, 0.3347

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.7473, 0.3126, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8574, 0.3124, 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(207, 212, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 212, 207)  
}
```

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(207, 212, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 212, 207) }
```

Border

The CSS property to change the border of an element to Yxy 64.8574, 0.3124, 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(207, 212, 207) }
```

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

```
.border{ border-color:rgb(207, 212, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 212, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 212, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 212, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 212,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8574, 0.3124, 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(207, 212, 207) }
```

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

```
.background{ background-color: rgb(207,  
212, 207) }
```

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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