

Converting Colors

Yxy(64.9754, 0.3123, 0.3382)

Have a look what the booklet for
Yxy(64.9754, 0.3123, 0.3382)
contains.

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Color

Yxy(64.9754, 0.3123, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	CDD5CD
RGB	205, 213, 205
RGB Percent	80%, 84%, 80%
CMY	0.1959, 0.1647, 0.1960
CMYK	0.04, 0.00, 0.04, 0.16
HSL	120°, 9%, 82%
HSV	120°, 4%, 84%
XYZ	59.9995, 64.9754, 67.1464
YIQ	209.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

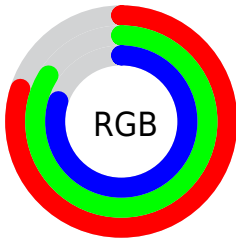
Format	Color
R_{YB}	205, 213, 213
Decimal	13489613
CIE Lab	84.47, -4.15, 2.99
CIE LCh	84, 5.114, 144.214
Yxy	64.9754, 0.3123, 0.3382
Android (android.graphics.Color)	4291679693 (0xFFCDD5CD)
YUV	209.6960, -2.3151, -4.1184
Hunter-Lab	80.6073, -8.1977, 7.0362

Details

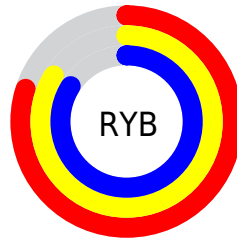
The Yxy color **64.9754, 0.3123, 0.3382** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6163, 0.3131, 0.3200**, and the grayscale version is **64.2611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.2674, 0.3122, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **61.1990, 0.3111, 0.3652**, and if you desaturate by 10%, it is **69.3076, 0.3134, 0.3147**.

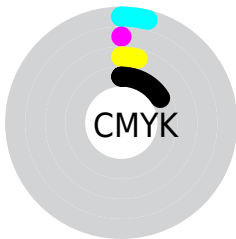
Distribution



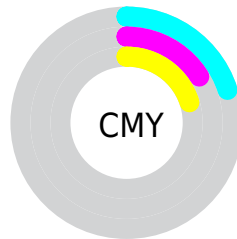
- Red (80%)
- Green (84%)
- Blue (80%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9754, 0.3123, 0.3382 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 64.9754, 0.3123, 0.3382 by changing the saturation by 10% instead.

■ 64.9754, 0.3123,
0.3382

■ 64.9754, 0.3123,
0.3382

442.7036, 0.3125,
0.3338

■ 47.4411, 0.3122,
0.3392

112.0145, 0.3124,
0.3367

■ 33.3845, 0.3122,
0.3405

142.2881, 0.3124,
0.3361

■ 22.4212, 0.3121,
0.3422

177.5770, 0.3124,
0.3356

■ 14.1667, 0.3120,
0.3444

218.2654, 0.3125,
0.3351

■ 8.2367, 0.3118,
0.3475

264.7379, 0.3125,
0.3347

■ 4.2468, 0.3115,
0.3522

317.3789, 0.3125,

■ 1.8125, 0.3109,

0.3344

0.3602

376.5726, 0.3125,
0.3341

0.4950, 0.3092,
0.4145

0.0000, 0.0000,
0.0000

64.9754, 0.3123,
0.3382

64.9754, 0.3123,
0.3382

61.1990, 0.3111,
0.3652

69.3076, 0.3134,
0.3147

57.9480, 0.3097,
0.3956

74.2080, 0.3143,
0.2944

55.2016, 0.3082,
0.4291

76.0651, 0.3146,
0.2881

52.9346, 0.3065,
0.4645

■ 51.1195, 0.3048,
0.5003

■ 49.7261, 0.3033,
0.5339

■ 48.7204, 0.3019,
0.5624

■ 48.0632, 0.3009,
0.5834

■ 47.7072, 0.3003,
0.5957

Harmonies

Analogous

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



64.9754, 0.3186, 0.3401



64.9754, 0.3123, 0.3382



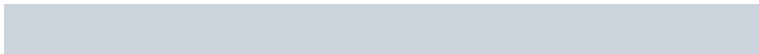
64.9754, 0.3061, 0.3337

Triad

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



64.9754, 0.3123, 0.3382



64.9754, 0.3021, 0.3190



64.9754, 0.3238, 0.3299

Complementary

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



64.9754, 0.3123, 0.3382



62.6163, 0.3131, 0.3200

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.



64.9754, 0.3193, 0.3244



64.9754, 0.3123, 0.3382



64.9754, 0.3068, 0.3181

Square

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



64.9754, 0.3123, 0.3382



64.9754, 0.3003, 0.3226



64.9754, 0.3131, 0.3201



64.9754, 0.3253, 0.3353

Rectangle

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



64.9754, 0.3123, 0.3382



64.9754, 0.3029, 0.3299



64.9754, 0.3131, 0.3201



64.9754, 0.3226, 0.3280

Sweetspot

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



64.9782, 0.3123, 0.3382



99.3577, 0.3126, 0.3314



66.0719, 0.3182, 0.3379



21.2734, 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.



64.9782, 0.3123, 0.3382



97.4818, 0.3123, 0.3390



65.1637, 0.3097, 0.3337



14.3012, 0.3122, 0.3407



29.0721, 0.3001, 0.6000



1.7541, 0.3003, 0.5998

Inverse Universe

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



62.6163, 0.3131, 0.3200



93.6587, 0.3132, 0.3192



62.4260, 0.3159, 0.3243



13.6475, 0.3132, 0.3176



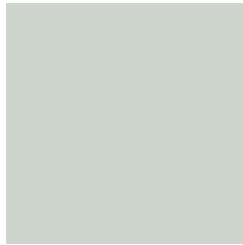
11.5248, 0.3203, 0.1538



0.6957, 0.3204, 0.1539

Previews

White Background



This preview shows how the Yxy color 64.9754, 0.3123, 0.3382 looks on a white background.

Color Contrast Check

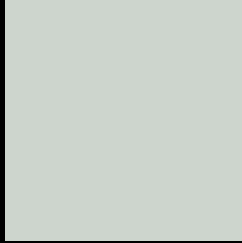
Large Text (above 18pt) WCAG AA × Fail

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 64.9754, 0.3123, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

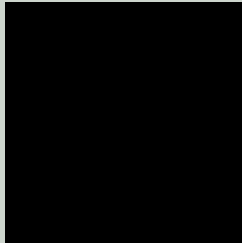
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

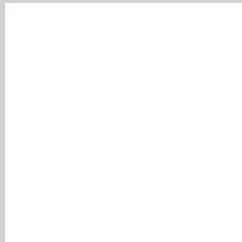
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9754, 0.3123, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 64.9754, 0.3123, 0.3382.

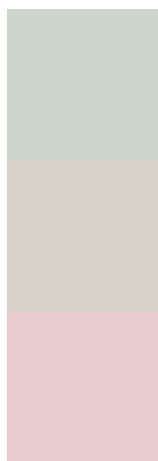


This preview shows how white text looks on a background with the Yxy color 64.9754, 0.3123, 0.3382.

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

64.9754, 0.3123, 0.3382

Protanopia

65.0039, 0.3221, 0.3369

Deuteranopia

64.8465, 0.3323, 0.3258



Tritanopia

64.9941, 0.3005, 0.3110

Trichromacy



Original Color

64.9754, 0.3123, 0.3382

Protanomaly

64.9452, 0.3183, 0.3370

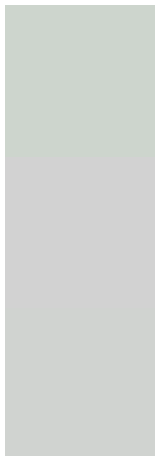
Deuteranomaly

64.6115, 0.3249, 0.3302

Tritanomaly

64.9159, 0.3050, 0.3210

Monochromacy



Original Color

64.9754, 0.3123, 0.3382

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5525, 0.3126, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9754, 0.3123, 0.3382 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(205, 213, 205)` looks like.

```
.text, #text, p{  
    color:rgb(205, 213, 205)  
}
```

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(205, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 213, 205) }
```

Border

The CSS property to change the border of an element to Yxy 64.9754, 0.3123, 0.3382 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(205, 213, 205) }
```

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

```
.border{ border-color:rgb(205, 213, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 213, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(205, 213,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9754, 0.3123, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 213, 205) }
```

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

```
.background{ background-color: rgb(205,  
213, 205) }
```

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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