

Converting Colors

Yxy(63.9133, 0.3120, 0.3529)

Have a look what the booklet for
Yxy(63.9133, 0.3120, 0.3529)
contains.

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Color

Yxy(64.0980, 0.3123, 0.3540)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C3D7C2 |
| RGB | 195, 215, 194 |
| RGB Percent | 76%, 84%, 76% |
| CMY | 0.2352, 0.1569, 0.2393 |
| CMYK | 0.09, 0.00, 0.10, 0.16 |
| HSL | 117°, 21%, 80% |
| HSV | 117°, 10%, 84% |
| XYZ | 56.5475, 64.0980, 60.4223 |
| YIQ | 206.6260, -5.1790, -10.7710 |

Conversions

Conversions Part 2

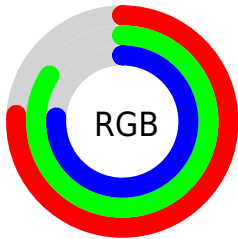
| Format | Color |
|-------------------------------------|---|
| RYB | 194, 215, 214 |
| Decimal | 12834754 |
| CIELab | 84.02, -10.58, 8.09 |
| CIElCh | 84, 13.318, 142.592 |
| Yxy | 64.0980, 0.3123, 0.3540 |
| Android (android.graphics.Color) | 4291024834 (0xFFC3D7C2) |
| YUV | 206.6260, -6.2246, -10.1960 |
| Hunter-Lab | 80.0612, -14.0321, 11.2966 |

Details

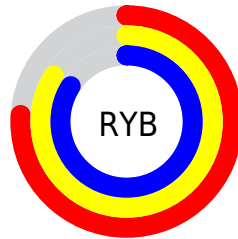
The Yxy color **64.0980, 0.3123, 0.3540** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7742, 0.3130, 0.3051**, and the grayscale version is **62.1906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1176, 0.3137, 0.3338**, and **32.6978, 0.3122, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **60.6646, 0.3117, 0.3829**, and if you desaturate by 10%, it is **68.0492, 0.3127, 0.3285**.

Distribution



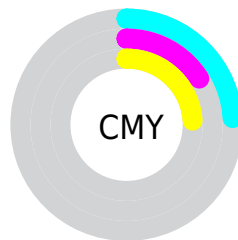
- Red (76%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)




- Cyan (24%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0980, 0.3123, 0.3540 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 64.0980, 0.3123, 0.3540 by changing the saturation by 10% instead.


 64.0980, 0.3123,
0.3540

 64.0980, 0.3123,
0.3540

439.5434, 0.3126,
0.3420

 46.7301, 0.3122,
0.3569


 110.7521, 0.3124,
0.3497

 32.8223, 0.3121,
0.3605


140.8070, 0.3125,
0.3481

 21.9904, 0.3119,
0.3652


175.8596, 0.3125,
0.3467

 13.8498, 0.3116,
0.3715

216.2945, 0.3125,
0.3455

 8.0163, 0.3111,
0.3806

262.4959, 0.3126,
0.3444

 4.1054, 0.3101,
0.3945

314.8483, 0.3126,

 1.7327, 0.3079,

0.3435

373.7360, 0.3126,
0.3427

0.4185

0.4447, 0.2699,
0.7301

0.0000, 0.0000,
0.0000

64.0980, 0.3123,
0.3540

64.0980, 0.3123,
0.3540

60.6646, 0.3117,
0.3829

68.0492, 0.3127,
0.3285

57.7198, 0.3109,
0.4150

72.5297, 0.3130,
0.3062

55.2439, 0.3098,
0.4494

77.0805, 0.3145,
0.2900

53.2126, 0.3085,
0.4849

■ 51.5996, 0.3070,
0.5193

■ 50.3757, 0.3053,
0.5501

■ 49.5080, 0.3036,
0.5745

■ 48.9582, 0.3020,
0.5908

■ 48.6734, 0.3009,
0.5992

Harmonies

Analogous

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



64.0980, 0.3288, 0.3585



64.0980, 0.3123, 0.3540



64.0980, 0.2963, 0.3422

Triad

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



64.0980, 0.3123, 0.3540



64.0980, 0.2848, 0.3032



64.0980, 0.3414, 0.3302

Complementary

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



64.0980, 0.3123, 0.3540



57.7742, 0.3130, 0.3051

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.



64.0980, 0.3291, 0.3162



64.0980, 0.3123, 0.3540



64.0980, 0.2963, 0.3009

Square

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



64.0980, 0.3123, 0.3540



64.0980, 0.2806, 0.3125



64.0980, 0.3124, 0.3057



64.0980, 0.3459, 0.3442

Rectangle

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



64.0980, 0.3123, 0.3540



64.0980, 0.2879, 0.3320



64.0980, 0.3124, 0.3057



64.0980, 0.3380, 0.3253

Sweetspot

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



64.1007, 0.3123, 0.3540



98.1639, 0.3126, 0.3364



66.4086, 0.3273, 0.3517



20.9087, 0.3126, 0.3384



0.0000, 0.0000, 0.0000



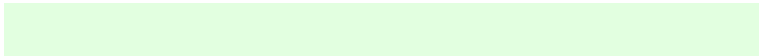
21.4041, 0.3127, 0.3290

Same Dimension

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



64.1007, 0.3123, 0.3540



93.0785, 0.3122, 0.3605



64.4011, 0.3053, 0.3426



13.9250, 0.3123, 0.3530



29.1238, 0.3012, 0.5991



1.7672, 0.3048, 0.5962

Inverse Universe

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



57.7742, 0.3130, 0.3051



81.7204, 0.3131, 0.2992



57.4590, 0.3209, 0.3158



12.5999, 0.3130, 0.3060



10.6571, 0.3086, 0.1474



0.6526, 0.3109, 0.1486

Previews

White Background



This preview shows how the Yxy color 64.0980, 0.3123, 0.3540 looks on a white background.

Color Contrast Check

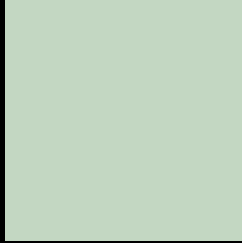
Large Text (above 18pt) WCAG AA × Fail

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 64.0980, 0.3123, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

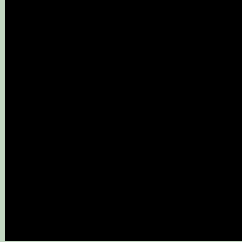
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

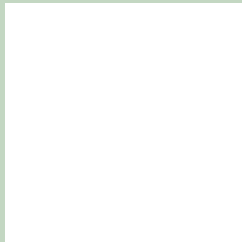
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0980, 0.3123, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 64.0980, 0.3123, 0.3540.

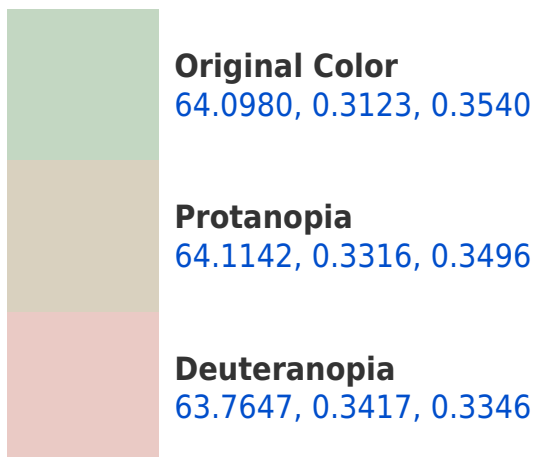


This preview shows how white text looks on a background with the Yxy color 64.0980, 0.3123, 0.3540.

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

63.9186, 0.2942, 0.3096

Trichromacy



Original Color

64.0980, 0.3123, 0.3540

Protanomaly

63.9496, 0.3245, 0.3511

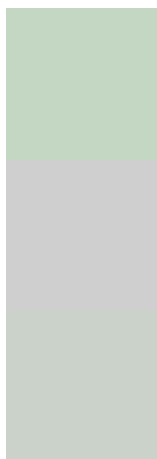
Deuteranomaly

63.8268, 0.3306, 0.3415

Tritanomaly

63.9990, 0.3006, 0.3255

Monochromacy



Original Color

64.0980, 0.3123, 0.3540

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.0540, 0.3130, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0980, 0.3123, 0.3540 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(195, 215, 194)` looks like.

```
.text, #text, p{  
    color:rgb(195, 215, 194)  
}
```

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(195, 215, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 215, 194) }
```

Border

The CSS property to change the border of an element to Yxy 64.0980, 0.3123, 0.3540 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(195, 215, 194) }
```

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

```
.border{ border-color:rgb(195, 215, 194) }
```

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

Here you see how a box with a 4 pixel rgb(195, 215, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 215, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 215, 194);  
box-shadow:4px 4px 4px 4px rgb(195, 215,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0980, 0.3123, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 215, 194) }
```

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

```
.background{ background-color: rgb(195,  
215, 194) }
```

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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