

Converting Colors

$Yxy(62.8547, 0.3239, 0.3797)$

Have a look what the booklet for
Yxy(62.8547, 0.3239, 0.3797)
contains.

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Color

Yxy(62.8245, 0.3243, 0.3802)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C0D7AD |
| RGB | 192, 215, 173 |
| RGB Percent | 75%, 84%, 68% |
| CMY | 0.2469, 0.1569, 0.3216 |
| CMYK | 0.11, 0.00, 0.20, 0.16 |
| HSL | 93°, 34%, 76% |
| HSV | 93°, 20%, 84% |
| XYZ | 53.5875, 62.8245, 48.8286 |
| YIQ | 203.3350, -0.2260, -17.9380 |

Conversions

Conversions Part 2

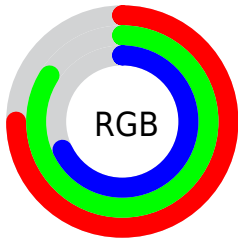
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 173, 215, 196 |
| Decimal | 12638125 |
| CIELab | 83.35, -15.17, 18.21 |
| CIELCh | 83, 23.701, 129.808 |
| Yxy | 62.8245, 0.3243, 0.3802 |
| Android (android.graphics.Color) | 4290828205 (0xFFC0D7AD) |
| YUV | 203.3350, -14.9552, -9.9408 |
| Hunter-Lab | 79.2619, -18.0277, 18.9582 |

Details

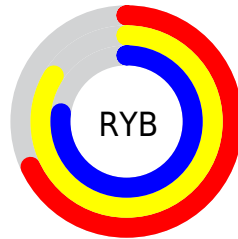
The Yxy color **62.8245, 0.3243, 0.3802** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.5154, 0.2989, 0.2784**, and the grayscale version is **60.0431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3169, 0.3241, 0.3545**, and **31.9254, 0.3261, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **60.5875, 0.3298, 0.4093**, and if you desaturate by 10%, it is **65.3233, 0.3184, 0.3529**.

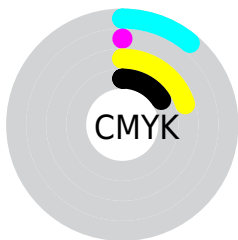
Distribution



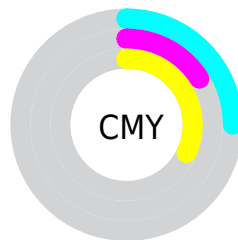
- Red (75%)
- Green (84%)
- Blue (68%)



- Red (68%)
- Yellow (84%)
- Blue (77%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)




- Cyan (25%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8245, 0.3243, 0.3802 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 62.8245, 0.3243, 0.3802 by changing the saturation by 10% instead.

 62.8245, 0.3243,
0.3802

 62.8245, 0.3243,
0.3802

434.9323, 0.3192,
0.3552

 45.6992, 0.3254,
0.3862


 108.9163, 0.3226,
0.3713

 32.0086, 0.3267,
0.3939


138.6516, 0.3219,
0.3679

 21.3680, 0.3283,
0.4038


173.3591, 0.3213,
0.3650

 13.3933, 0.3302,
0.4173

213.4230, 0.3207,
0.3625

 7.6999, 0.3324,
0.4367

259.2280, 0.3203,
0.3603

 3.9035, 0.3347,
0.4664

311.1582, 0.3199,

 1.6198, 0.3492,

0.3584

0.5390

369.5982, 0.3195,
0.3567

0.3709, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.8245, 0.3243,
0.3802

62.8245, 0.3243,
0.3802

60.5875, 0.3298,
0.4093

65.3233, 0.3184,
0.3529

58.5949, 0.3346,
0.4397

68.0844, 0.3124,
0.3279

56.8396, 0.3383,
0.4702

71.1189, 0.3065,
0.3052

55.3109, 0.3405,
0.4996

74.1754, 0.3034,
0.2887

■ 53.9973, 0.3409,
0.5261

■ 76.2875, 0.3116,
0.2897

■ 52.8856, 0.3391,
0.5482

■ 77.0790, 0.3145,
0.2900

■ 51.9612, 0.3354,
0.5648

■ 51.2009, 0.3301,
0.5759

■ 51.1688, 0.3298,
0.5763

Harmonies

Analogous

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



62.8245, 0.3519, 0.3809



62.8245, 0.3243, 0.3802



62.8245, 0.2945, 0.3636

Triad

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



62.8245, 0.3243, 0.3802



62.8245, 0.2587, 0.2884



62.8245, 0.3563, 0.3197

Complementary

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



62.8245, 0.3243, 0.3802



46.5154, 0.2989, 0.2784

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.



62.8245, 0.3294, 0.2977



62.8245, 0.3243, 0.3802



62.8245, 0.2734, 0.2797

Square

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



62.8245, 0.3243, 0.3802



62.8245, 0.2576, 0.3087



62.8245, 0.2990, 0.2833



62.8245, 0.3712, 0.3447

Rectangle

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



62.8245, 0.3243, 0.3802



62.8245, 0.2774, 0.3462



62.8245, 0.2990, 0.2833



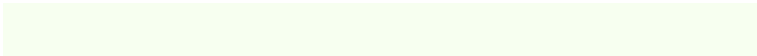
62.8245, 0.3483, 0.3118

Sweetspot

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



62.8272, 0.3243, 0.3802



97.5021, 0.3163, 0.3440



56.6687, 0.3461, 0.3555



20.8131, 0.3167, 0.3456



0.0000, 0.0000, 0.0000



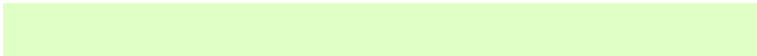
21.4041, 0.3127, 0.3290

Same Dimension

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



62.8272, 0.3243, 0.3802



91.2018, 0.3264, 0.3907



60.5526, 0.3093, 0.3806



14.1690, 0.3183, 0.3526



30.6675, 0.3309, 0.5755



1.8985, 0.3445, 0.5647

Inverse Universe

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



46.5154, 0.2989, 0.2784



63.4171, 0.2959, 0.2681



49.1623, 0.3161, 0.2823



12.3397, 0.3066, 0.3055



5.2804, 0.2122, 0.0943



0.3674, 0.2302, 0.1042

Previews

White Background



This preview shows how the Yxy color 62.8245, 0.3243, 0.3802 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 62.8245, 0.3243, 0.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

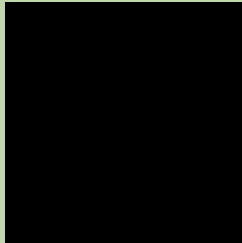
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8245, 0.3243, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 62.8245, 0.3243, 0.3802.

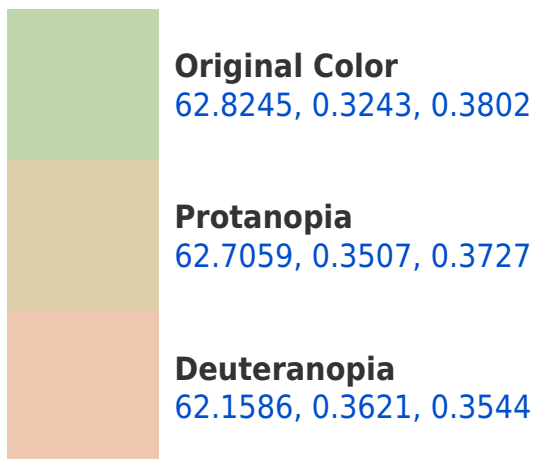


This preview shows how white text looks on a background with the Yxy color 62.8245, 0.3243, 0.3802.

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

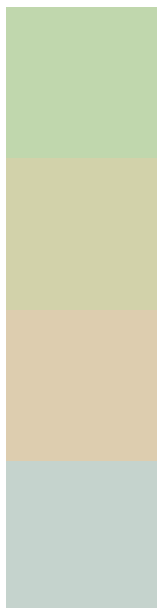




Tritanopia

62.7729, 0.2961, 0.3106

Trichromacy



Original Color

62.8245, 0.3243, 0.3802

Protanomaly

62.6971, 0.3412, 0.3761

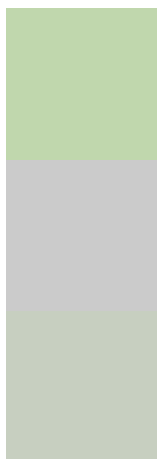
Deuteranomaly

62.1299, 0.3474, 0.3635

Tritanomaly

62.8666, 0.3065, 0.3360

Monochromacy



Original Color

62.8245, 0.3243, 0.3802

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.5735, 0.3172, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8245, 0.3243, 0.3802 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(192, 215, 173)` looks like.

```
.text, #text, p{  
    color:rgb(192, 215, 173)  
}
```

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(192, 215, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 215, 173) }
```

Border

The CSS property to change the border of an element to Yxy 62.8245, 0.3243, 0.3802 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(192, 215, 173) }
```

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

```
.border{ border-color:rgb(192, 215, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 215, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 215, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 215, 173);  
box-shadow:4px 4px 4px 4px rgb(192, 215,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8245, 0.3243, 0.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 215, 173) }
```

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

```
.background{ background-color: rgb(192,  
215, 173) }
```

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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