

Converting Colors

$Yxy(63.7033, 0.3241, 0.3825)$

Have a look what the booklet for
Yxy(63.7033, 0.3241, 0.3825)
contains.

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Color

Yxy(63.8493, 0.3240, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	C0D9AD
RGB	192, 217, 173
RGB Percent	75%, 85%, 68%
CMY	0.2470, 0.1490, 0.3215
CMYK	0.12, 0.00, 0.20, 0.15
HSL	94°, 37%, 76%
HSV	94°, 20%, 85%
XYZ	54.0983, 63.8493, 49.0224
YIQ	204.5090, -0.7760, -18.9840

Conversions

Conversions Part 2

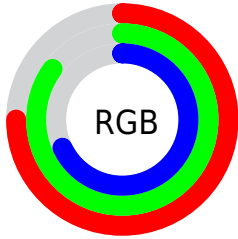
Format	Color
RYB	173, 217, 198
Decimal	12638637
CIELab	83.89, -16.18, 18.93
CIElCh	84, 24.905, 130.522
Yxy	63.8493, 0.3240, 0.3824
Android (android.graphics.Color)	4290828717 (0xFFC0D9AD)
YUV	204.5090, -15.5339, -10.9704
Hunter-Lab	79.9058, -18.9860, 19.5595

Details

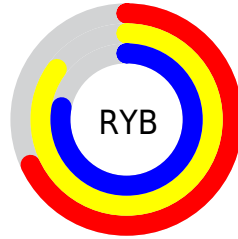
The Yxy color **63.8493, 0.3240, 0.3824** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.9166, 0.2991, 0.2765**, and the grayscale version is **60.8270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3169, 0.3241, 0.3545**, and **32.6000, 0.3266, 0.3974** is the 20% darker color. If you saturate the color by 10%, you get **61.5358, 0.3291, 0.4118**, and if you desaturate by 10%, it is **66.4397, 0.3185, 0.3549**.

Distribution



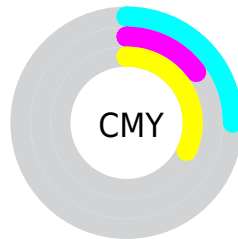
- Red (75%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)




- Cyan (25%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8493, 0.3240, 0.3824 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 63.8493, 0.3240, 0.3824 by changing the saturation by 10% instead.

 63.8493, 0.3240,
0.3824

 63.8493, 0.3240,
0.3824

438.6452, 0.3190,
0.3564

 46.5286, 0.3250,
0.3887

 110.3939, 0.3223,
0.3731

 32.6632, 0.3263,
0.3966


140.3866, 0.3217,
0.3696

 21.8685, 0.3277,
0.4069


175.3721, 0.3211,
0.3666

 13.7603, 0.3295,
0.4209

215.7347, 0.3206,
0.3640

 7.9542, 0.3314,
0.4409

261.8590, 0.3201,
0.3617

 4.0656, 0.3331,
0.4715

314.1292, 0.3197,

 1.7103, 0.3453,

0.3597

0.5434

372.9298, 0.3194,
0.3580

0.4303, 0.0315,
0.9685

0.0000, 0.0000,
0.0000

63.8493, 0.3240,
0.3824

63.8493, 0.3240,
0.3824

61.5358, 0.3291,
0.4118

66.4397, 0.3185,
0.3549

59.4810, 0.3335,
0.4425

69.3080, 0.3129,
0.3296


57.6771, 0.3368,
0.4733


72.4657, 0.3073,
0.3068


56.1128, 0.3385,
0.5029


75.6063, 0.3050,
0.2909


 54.7757, 0.3385,
0.5295

 77.8546, 0.3135,
0.2919

 53.6519, 0.3364,
0.5516

 78.1057, 0.3145,
0.2920

 52.7255, 0.3323,
0.5679

 51.9886, 0.3271,
0.5785

Harmonies

Analogous

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



63.8493, 0.3530, 0.3834



63.8493, 0.3240, 0.3824



63.8493, 0.2930, 0.3647

Triad

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



63.8493, 0.3240, 0.3824



63.8493, 0.2566, 0.2862



63.8493, 0.3588, 0.3198

Complementary

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



63.8493, 0.3240, 0.3824



46.9166, 0.2991, 0.2765

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.



63.8493, 0.3309, 0.2969



63.8493, 0.3240, 0.3824



63.8493, 0.2722, 0.2775

Square

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



63.8493, 0.3240, 0.3824



63.8493, 0.2551, 0.3071



63.8493, 0.2990, 0.2816



63.8493, 0.3740, 0.3459

Rectangle

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



63.8493, 0.3240, 0.3824



63.8493, 0.2752, 0.3463



63.8493, 0.2990, 0.2816



63.8493, 0.3505, 0.3116

Sweetspot

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



63.8521, 0.3240, 0.3824



97.4415, 0.3161, 0.3440



58.1337, 0.3472, 0.3582



20.7988, 0.3165, 0.3456



0.0000, 0.0000, 0.0000



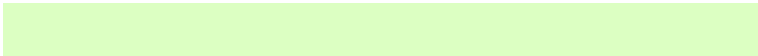
21.4041, 0.3127, 0.3290

Same Dimension

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



63.8521, 0.3240, 0.3824



90.6562, 0.3261, 0.3939



61.6464, 0.3082, 0.3809



14.8797, 0.3180, 0.3527



31.5309, 0.3281, 0.5777



2.0930, 0.3410, 0.5674

Inverse Universe

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



46.9166, 0.2991, 0.2765



62.3035, 0.2960, 0.2654



49.5089, 0.3174, 0.2821



12.9805, 0.3069, 0.3055



5.6595, 0.2167, 0.0967



0.4172, 0.2332, 0.1058

Previews

White Background



This preview shows how the Yxy color 63.8493, 0.3240, 0.3824 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 63.8493, 0.3240, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

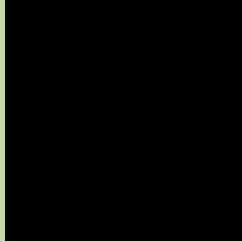
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

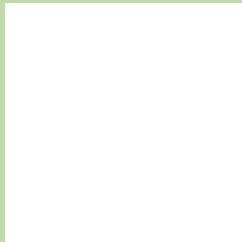
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8493, 0.3240, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 63.8493, 0.3240, 0.3824.



This preview shows how white text looks on a background with the Yxy color 63.8493, 0.3240, 0.3824.

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

63.8493, 0.3240, 0.3824

Protanopia

63.3485, 0.3512, 0.3737

Deuteranopia

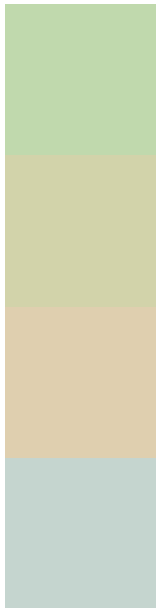
63.4331, 0.3632, 0.3564



Tritanopia

63.8635, 0.2948, 0.3107

Trichromacy



Original Color

63.8493, 0.3240, 0.3824

Protanomaly

63.1924, 0.3410, 0.3772

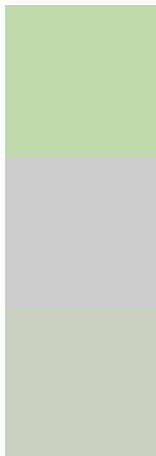
Deuteranomaly

63.4088, 0.3486, 0.3655

Tritanomaly

63.9638, 0.3051, 0.3360

Monochromacy



Original Color

63.8493, 0.3240, 0.3824

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.7305, 0.3171, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8493, 0.3240, 0.3824 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, 217, 173)` looks like.

```
.text, #text, p{  
    color:rgb(192, 217, 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, 217, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 217, 173) }
```

Border

The CSS property to change the border of an element to Yxy 63.8493, 0.3240, 0.3824 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, 217, 173) }
```

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

```
.border{ border-color:rgb(192, 217, 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, 217, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 217, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 217, 173);  
box-shadow:4px 4px 4px 4px rgb(192, 217,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8493, 0.3240, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 217, 173) }
```

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

```
.background{ background-color: rgb(192,  
217, 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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