

Converting Colors

Yxy(62.1480, 0.3344, 0.3718)

Have a look what the booklet for
Yxy(62.1480, 0.3344, 0.3718)
contains.

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Color

Yxy(62.1283, 0.3343, 0.3718)

Conversions

Conversions Part 1

Format	Color
Hex	CDD2AE
RGB	205, 210, 174
RGB Percent	80%, 82%, 68%
CMY	0.1962, 0.1764, 0.3175
CMYK	0.02, 0.00, 0.17, 0.18
HSL	68°, 29%, 75%
HSV	68°, 17%, 82%
XYZ	55.8620, 62.1283, 49.1111
YIQ	204.4010, 8.5760, -12.2560

Conversions

Conversions Part 2

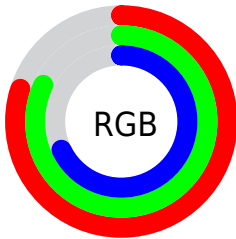
Format	Color
RYB	174, 210, 179
Decimal	13488814
CIELab	82.98, -7.82, 17.28
CIELCh	83, 18.966, 114.360
Yxy	62.1283, 0.3343, 0.3718
Android (android.graphics.Color)	4291678894 (0xFFCDD2AE)
YUV	204.4010, -14.9877, 0.5253
Hunter-Lab	78.8215, -11.4320, 18.2334

Details

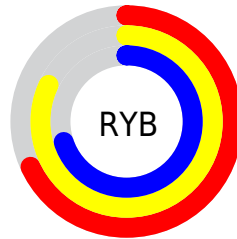
The Yxy color **62.1283, 0.3343, 0.3718** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.5324, 0.2889, 0.2835**, and the grayscale version is **60.7443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **31.7367, 0.3403, 0.3843** is the 20% darker color. If you saturate the color by 10%, you get **60.9611, 0.3470, 0.3978**, and if you desaturate by 10%, it is **63.4369, 0.3216, 0.3464**.

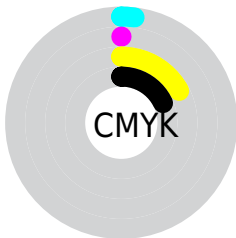
Distribution



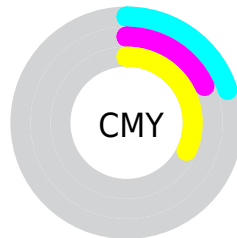
- Red (80%)
- Green (82%)
- Blue (68%)



- Red (68%)
- Yellow (82%)
- Blue (70%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1283, 0.3343, 0.3718 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 62.1283, 0.3343, 0.3718 by changing the saturation by 10% instead.


 62.1283, 0.3343,
0.3718

 62.1283, 0.3343,
0.3718


432.3989, 0.3242,
0.3511

 45.1364, 0.3366,
0.3767


 107.9109, 0.3308,
0.3644

 31.5649, 0.3395,
0.3830

137.4704, 0.3294,
0.3616

 21.0294, 0.3431,
0.3910


171.9879, 0.3283,
0.3592

 13.1455, 0.3478,
0.4019

211.8478, 0.3272,
0.3572

 7.5288, 0.3541,
0.4173

257.4344, 0.3263,
0.3554

 3.7949, 0.3629,
0.4405

309.1322, 0.3255,

 1.5595, 0.3892,

0.3538

0.4971

367.3256, 0.3248,
0.3524

0.3301, 0.2711,
0.7289

0.0000, 0.0000,
0.0000

62.1283, 0.3343,
0.3718

62.1283, 0.3343,
0.3718

60.9611, 0.3470,
0.3978

63.4369, 0.3216,
0.3464

59.9211, 0.3591,
0.4236

64.8842, 0.3092,
0.3222

59.0046, 0.3703,
0.4483

66.4783, 0.2974,
0.2995

58.2045, 0.3799,
0.4709

68.0267, 0.2881,
0.2814

■ 57.5132, 0.3874,
0.4904

■ 68.4798, 0.2900,
0.2817

■ 56.9217, 0.3924,
0.5058

■ 68.9411, 0.2920,
0.2820

■ 56.4198, 0.3949,
0.5167

■ 69.4104, 0.2941,
0.2822

■ 55.9938, 0.3949,
0.5233

■ 69.8878, 0.2961,
0.2825

■ 55.8786, 0.3947,
0.5248

■ 70.3734, 0.2981,
0.2828

Harmonies

Analogous

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



62.1283, 0.3529, 0.3664



62.1283, 0.3343, 0.3718



62.1283, 0.3104, 0.3647

Triad

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



62.1283, 0.3343, 0.3718



62.1283, 0.2670, 0.3040



62.1283, 0.3375, 0.3118

Complementary

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



62.1283, 0.3343, 0.3718



44.5324, 0.2889, 0.2835

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.



62.1283, 0.3136, 0.2966



62.1283, 0.3343, 0.3718



62.1283, 0.2735, 0.2916

Square

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



62.1283, 0.3343, 0.3718



62.1283, 0.2721, 0.3241



62.1283, 0.2903, 0.2892



62.1283, 0.3549, 0.3315

Rectangle

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



62.1283, 0.3343, 0.3718



62.1283, 0.2948, 0.3537



62.1283, 0.2903, 0.2892



62.1283, 0.3299, 0.3060

Sweetspot

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



62.1310, 0.3343, 0.3718



98.8693, 0.3190, 0.3413



48.9344, 0.3444, 0.3349



21.1291, 0.3199, 0.3430



0.0000, 0.0000, 0.0000



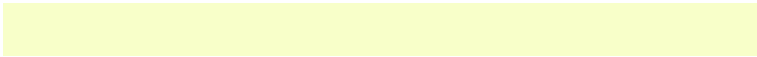
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1310, 0.3343, 0.3718



95.6259, 0.3395, 0.3824



59.7483, 0.3205, 0.3737



13.7104, 0.3245, 0.3521



34.1152, 0.3951, 0.5245



1.9311, 0.3998, 0.5208

Inverse Universe

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



44.5324, 0.2889, 0.2835



62.7494, 0.2823, 0.2712



46.7866, 0.3035, 0.2854



11.4958, 0.3003, 0.3051



3.0268, 0.1559, 0.0632



0.1955, 0.1698, 0.0709

Previews

White Background



This preview shows how the Yxy color 62.1283, 0.3343, 0.3718 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 62.1283, 0.3343, 0.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

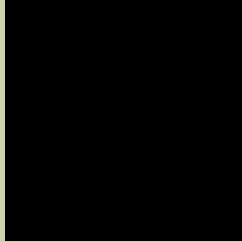
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

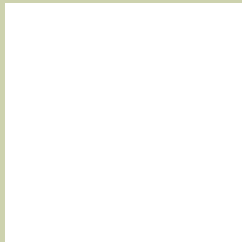
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1283, 0.3343, 0.3718

Background



This preview shows how black text looks on a background with the Yxy color 62.1283, 0.3343, 0.3718.



This preview shows how white text looks on a background with the Yxy color 62.1283, 0.3343, 0.3718.

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

62.1283, 0.3343, 0.3718

Protanopia

62.0266, 0.3470, 0.3684

Deuteranopia

61.9860, 0.3613, 0.3544



Tritanopia

62.2019, 0.3068, 0.3109

Trichromacy



Original Color

62.1283, 0.3343, 0.3718

Protanomaly

61.7889, 0.3420, 0.3688

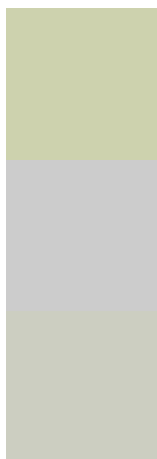
Deuteranomaly

61.8146, 0.3512, 0.3609

Tritanomaly

62.0097, 0.3171, 0.3325

Monochromacy



Original Color

62.1283, 0.3343, 0.3718

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.8302, 0.3204, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1283, 0.3343, 0.3718 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, 210, 174)` looks like.

```
.text, #text, p{  
    color:rgb(205, 210, 174)  
}
```

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, 210, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 210, 174) }
```

Border

The CSS property to change the border of an element to Yxy 62.1283, 0.3343, 0.3718 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, 210, 174) }
```

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

```
.border{ border-color:rgb(205, 210, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 210, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 210, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 210, 174);  
box-shadow:4px 4px 4px 4px rgb(205, 210,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1283, 0.3343, 0.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 210, 174) }
```

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

```
.background{ background-color: rgb(205,  
210, 174) }
```

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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