

Converting Colors

Yxy(64.5495, 0.3312, 0.3790)

Have a look what the booklet for
Yxy(64.5495, 0.3312, 0.3790)
contains.

Yxy(64.7243, 0.3310, 0.3789)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.7243, 0.3310, 0.3789)

Conversions

Conversions Part 1

Format	Color
Hex	CAD8AE
RGB	202, 216, 174
RGB Percent	79%, 85%, 68%
CMY	0.2080, 0.1529, 0.3177
CMYK	0.07, 0.00, 0.19, 0.15
HSL	80°, 35%, 76%
HSV	80°, 19%, 85%
XYZ	56.5419, 64.7243, 49.5553
YIQ	207.0260, 5.1380, -16.0300

Conversions

Conversions Part 2

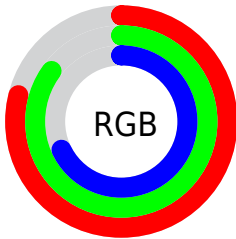
Format	Color
RYB	174, 216, 188
Decimal	13293742
CIELab	84.34, -11.99, 19.16
CIELCh	84, 22.604, 122.041
Yxy	64.7243, 0.3310, 0.3789
Android (android.graphics.Color)	4291483822 (0xFFCAD8AE)
YUV	207.0260, -16.2818, -4.4078
Hunter-Lab	80.4514, -15.3386, 19.7954

Details

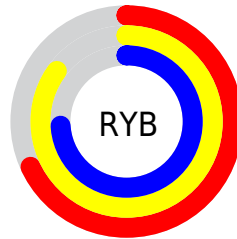
The Yxy color **64.7243, 0.3310, 0.3789** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.9305, 0.2917, 0.2775**, and the grayscale version is **62.5152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **33.1661, 0.3359, 0.3922** is the 20% darker color. If you saturate the color by 10%, you get **62.9659, 0.3401, 0.4065**, and if you desaturate by 10%, it is **66.6711, 0.3216, 0.3525**.

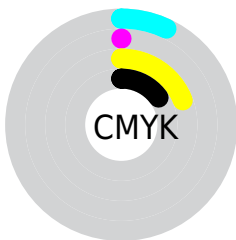
Distribution



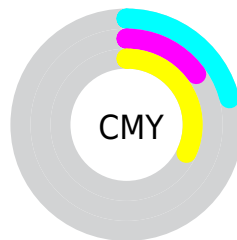
- Red (79%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (74%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.7243, 0.3310, 0.3789 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 64.7243, 0.3310, 0.3789 by changing the saturation by 10% instead.


 64.7243, 0.3310,
0.3789

 64.7243, 0.3310,
0.3789

441.8006, 0.3227,
0.3548

 47.2376, 0.3329,
0.3847

 111.6534, 0.3281,
0.3703

 33.2235, 0.3351,
0.3919


141.8645, 0.3270,
0.3671

 22.2977, 0.3379,
0.4013


177.0859, 0.3260,
0.3643

 14.0758, 0.3414,
0.4139

217.7020, 0.3252,
0.3619

 8.1734, 0.3459,
0.4317

264.0971, 0.3245,
0.3598

 4.2061, 0.3517,
0.4585

316.6556, 0.3238,

 1.7895, 0.3691,

0.3579

375.7620, 0.3232,
0.3563

0.5182

0.4806, 0.2545,
0.7455

0.0000, 0.0000,
0.0000

64.7243, 0.3310,
0.3789

64.7243, 0.3310,
0.3789

62.9659, 0.3401,
0.4065

66.6711, 0.3216,
0.3525

61.3804, 0.3486,
0.4344

68.8046, 0.3122,
0.3277

59.9630, 0.3559,
0.4618

71.1339, 0.3031,
0.3048

58.7052, 0.3616,
0.4875

73.3117, 0.2978,
0.2891

■ 57.5980, 0.3651,
0.5101

■ 74.5397, 0.3028,
0.2897

■ 56.6309, 0.3661,
0.5285

■ 75.8180, 0.3078,
0.2903

■ 55.7918, 0.3647,
0.5421

■ 77.1472, 0.3128,
0.2909

■ 55.0605, 0.3612,
0.5511

■ 77.6020, 0.3145,
0.2911

■ 55.0223, 0.3610,
0.5516

Harmonies

Analogous

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



64.7243, 0.3552, 0.3758



64.7243, 0.3310, 0.3789



64.7243, 0.3026, 0.3669

Triad

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



64.7243, 0.3310, 0.3789



64.7243, 0.2600, 0.2947



64.7243, 0.3481, 0.3144

Complementary

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



64.7243, 0.3310, 0.3789



45.9305, 0.2917, 0.2775

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.



64.7243, 0.3211, 0.2950



64.7243, 0.3310, 0.3789



64.7243, 0.2708, 0.2833

Square

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



64.7243, 0.3310, 0.3789



64.7243, 0.2625, 0.3164



64.7243, 0.2928, 0.2838



64.7243, 0.3657, 0.3378

Rectangle

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



64.7243, 0.3310, 0.3789



64.7243, 0.2852, 0.3520



64.7243, 0.2928, 0.2838



64.7243, 0.3397, 0.3072

Sweetspot

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



64.7271, 0.3310, 0.3789



98.0946, 0.3184, 0.3439



53.6266, 0.3478, 0.3457



20.9532, 0.3190, 0.3455



0.0000, 0.0000, 0.0000



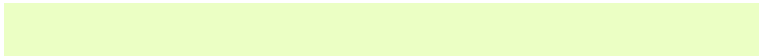
21.4041, 0.3127, 0.3290

Same Dimension

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



64.7271, 0.3310, 0.3789



93.2448, 0.3345, 0.3892



62.0019, 0.3153, 0.3814



14.3020, 0.3215, 0.3524



32.6221, 0.3618, 0.5509



2.0121, 0.3720, 0.5429

Inverse Universe

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



45.9305, 0.2917, 0.2775



61.4555, 0.2870, 0.2665



48.7879, 0.3091, 0.2801



12.2087, 0.3033, 0.3053



3.8108, 0.1753, 0.0739



0.2746, 0.1947, 0.0846

Previews

White Background



This preview shows how the Yxy color 64.7243, 0.3310, 0.3789 looks on a white background.

Color Contrast Check

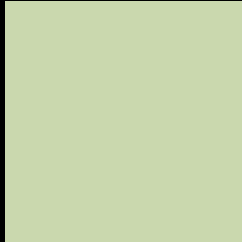
Large Text (above 18pt) WCAG AA × Fail

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 64.7243, 0.3310, 0.3789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

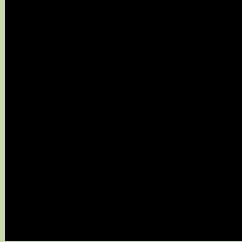
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

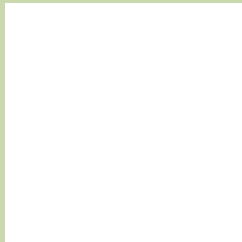
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7243, 0.3310, 0.3789

Background



This preview shows how black text looks on a background with the Yxy color 64.7243, 0.3310, 0.3789.



This preview shows how white text looks on a background with the Yxy color 64.7243, 0.3310, 0.3789.

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

64.7243, 0.3310, 0.3789

Protanopia

64.7214, 0.3509, 0.3733

Deuteranopia

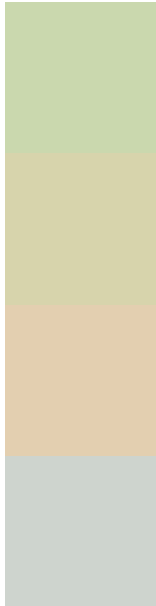
64.2926, 0.3638, 0.3562



Tritanopia

64.5925, 0.3018, 0.3110

Trichromacy



Original Color

64.7243, 0.3310, 0.3789

Protanomaly

64.5126, 0.3433, 0.3753

Deuteranomaly

64.0911, 0.3511, 0.3639

Tritanomaly

64.6650, 0.3124, 0.3359

Monochromacy



Original Color

64.7243, 0.3310, 0.3789

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.0125, 0.3194, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7243, 0.3310, 0.3789 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(202, 216, 174)` looks like.

```
.text, #text, p{  
    color:rgb(202, 216, 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(202, 216, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 216, 174) }
```

Border

The CSS property to change the border of an element to Yxy 64.7243, 0.3310, 0.3789 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(202, 216, 174) }
```

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

```
.border{ border-color:rgb(202, 216, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 216, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 216, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 216, 174); box-shadow:4px 4px 4px 4px rgb(202, 216, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7243, 0.3310, 0.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 216, 174) }
```

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

```
.background{ background-color: rgb(202,  
216, 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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