

Converting Colors

Yxy(62.6747, 0.3413, 0.3926)

Have a look what the booklet for
Yxy(62.6747, 0.3413, 0.3926)
contains.

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Color

Yxy(62.6831, 0.3413, 0.3926)

Conversions

Conversions Part 1

Format	Color
Hex	CAD5A0
RGB	202, 213, 160
RGB Percent	79%, 84%, 63%
CMY	0.2079, 0.1647, 0.3725
CMYK	0.05, 0.00, 0.25, 0.16
HSL	72°, 39%, 73%
HSV	72°, 25%, 84%
XYZ	54.4925, 62.6831, 42.4859
YIQ	203.6690, 10.4570, -18.8150

Conversions

Conversions Part 2

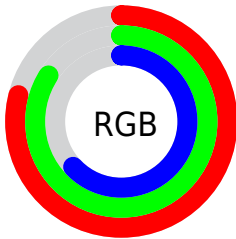
Format	Color
RYB	160, 213, 171
Decimal	13292960
CIELab	83.28, -12.54, 25.02
CIELCh	83, 27.984, 116.623
Yxy	62.6831, 0.3413, 0.3926
Android (android.graphics.Color)	4291483040 (0xFFCAD5A0)
YUV	203.6690, -21.5288, -1.4637
Hunter-Lab	79.1727, -15.6953, 23.6044

Details

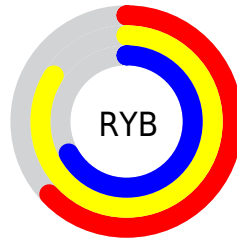
The Yxy color **62.6831, 0.3413, 0.3926** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.6098, 0.2792, 0.2605**, and the grayscale version is **60.2968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6863, 0.3364, 0.3681**, and **31.7395, 0.3475, 0.4090** is the 20% darker color. If you saturate the color by 10%, you get **61.3936, 0.3524, 0.4192**, and if you desaturate by 10%, it is **64.1237, 0.3298, 0.3663**.

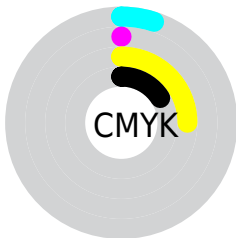
Distribution



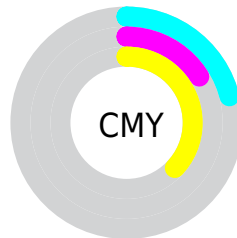
- Red (79%)
- Green (84%)
- Blue (63%)



- Red (63%)
- Yellow (84%)
- Blue (67%)



- Cyan (5%)
- Magenta (0%)
- Yellow (25%)
- Black (16%)





- Cyan (21%)
- Magenta (16%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6831, 0.3413, 0.3926 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 62.6831, 0.3413, 0.3926 by changing the saturation by 10% instead.


 62.6831, 0.3413,
0.3926


 62.6831, 0.3413,
0.3926


434.4185, 0.3282,
0.3617

 45.5849, 0.3442,
0.4000


 108.7122, 0.3368,
0.3816

 31.9184, 0.3477,
0.4093


 138.4119, 0.3351,
0.3774

 21.2992, 0.3521,
0.4213


173.0808, 0.3335,
0.3738

 13.3429, 0.3575,
0.4374

213.1034, 0.3322,
0.3708

 7.6651, 0.3642,
0.4599

258.8641, 0.3310,
0.3681

 3.8814, 0.3721,
0.4932

310.7472, 0.3300,

 1.6074, 0.4098,

0.3657

0.5902

369.1372, 0.3290,
0.3636

0.3626, 0.0960,
0.9040

0.0000, 0.0000,
0.0000

62.6831, 0.3413,
0.3926

62.6831, 0.3413,
0.3926

61.3936, 0.3524,
0.4192

64.1237, 0.3298,
0.3663

60.2401, 0.3626,
0.4453

65.7131, 0.3183,
0.3409

59.2183, 0.3713,
0.4696

67.4601, 0.3070,
0.3170

58.3201, 0.3781,
0.4912


69.3700, 0.2963,
0.2947


 57.5366, 0.3825,
0.5091


 70.6844, 0.2932,
0.2853

 56.8574, 0.3843,
0.5224

 71.4027, 0.2962,
0.2857

 56.2699, 0.3836,
0.5311

 72.1395, 0.2992,
0.2861

 55.9936, 0.3826,
0.5344

 72.8951, 0.3023,
0.2865

 73.6695, 0.3054,
0.2869

Harmonies

Analogous

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



62.6831, 0.3699, 0.3847



62.6831, 0.3413, 0.3926



62.6831, 0.3061, 0.3811

Triad

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



62.6831, 0.3413, 0.3926



62.6831, 0.2468, 0.2899



62.6831, 0.3514, 0.3058

Complementary

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



62.6831, 0.3413, 0.3926



38.6098, 0.2792, 0.2605

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.



62.6831, 0.3163, 0.2837



62.6831, 0.3413, 0.3926



62.6831, 0.2572, 0.2737

Square

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



62.6831, 0.3413, 0.3926



62.6831, 0.2527, 0.3185



62.6831, 0.2820, 0.2720



62.6831, 0.3765, 0.3340

Rectangle

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



62.6831, 0.3413, 0.3926



62.6831, 0.2837, 0.3636



62.6831, 0.2820, 0.2720



62.6831, 0.3403, 0.2975

Sweetspot

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



62.6859, 0.3413, 0.3926



98.2054, 0.3208, 0.3463



45.6631, 0.3617, 0.3421



20.9881, 0.3215, 0.3479



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.



62.6859, 0.3413, 0.3926



93.1190, 0.3474, 0.4071



59.3514, 0.3211, 0.3968



14.3834, 0.3235, 0.3523



34.2444, 0.3832, 0.5340



2.0990, 0.3897, 0.5287

Inverse Universe

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



38.6098, 0.2792, 0.2605



50.7852, 0.2704, 0.2434



41.8329, 0.3015, 0.2648



12.1320, 0.3013, 0.3051



3.3017, 0.1609, 0.0660



0.2352, 0.1777, 0.0752

Previews

White Background



This preview shows how the Yxy color 62.6831, 0.3413, 0.3926 looks on a white background.

Color Contrast Check

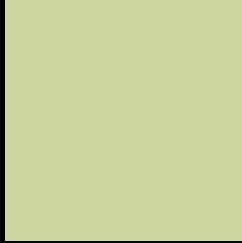
Large Text (above 18pt) WCAG AA × Fail

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 62.6831, 0.3413, 0.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

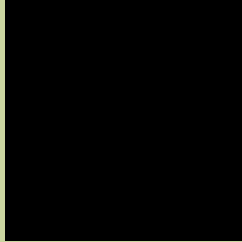
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

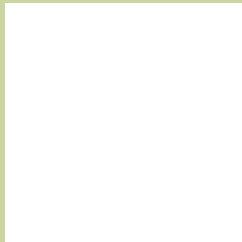
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6831, 0.3413, 0.3926

Background



This preview shows how black text looks on a background with the Yxy color 62.6831, 0.3413, 0.3926.



This preview shows how white text looks on a background with the Yxy color 62.6831, 0.3413, 0.3926.

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

62.6831, 0.3413, 0.3926

Protanopia

62.5896, 0.3612, 0.3863

Deuteranopia

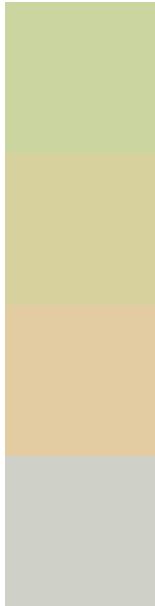
62.3684, 0.3759, 0.3683



Tritanopia

62.5847, 0.3053, 0.3109

Trichromacy



Original Color

62.6831, 0.3413, 0.3926

Protanomaly

62.5166, 0.3542, 0.3885

Deuteranomaly

62.1253, 0.3625, 0.3767

Tritanomaly

62.5007, 0.3183, 0.3395

Monochromacy



Original Color

62.6831, 0.3413, 0.3926

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.9530, 0.3231, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6831, 0.3413, 0.3926 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, 213, 160)` looks like.

```
.text, #text, p{  
    color:rgb(202, 213, 160)  
}
```

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, 213, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 213, 160) }
```

Border

The CSS property to change the border of an element to Yxy 62.6831, 0.3413, 0.3926 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, 213, 160) }
```

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

```
.border{ border-color:rgb(202, 213, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 213, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 213, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 213, 160);  
box-shadow:4px 4px 4px 4px rgb(202, 213,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6831, 0.3413, 0.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 213, 160) }
```

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

```
.background{ background-color: rgb(202,  
213, 160) }
```

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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