

Converting Colors

Yxy(62.3987, 0.3291, 0.3851)

Have a look what the booklet for
Yxy(62.3987, 0.3291, 0.3851)
contains.

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Color

Yxy(62.3896, 0.3293, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	C2D6A8
RGB	194, 214, 168
RGB Percent	76%, 84%, 66%
CMY	0.2395, 0.1607, 0.3412
CMYK	0.09, 0.00, 0.22, 0.16
HSL	86°, 36%, 75%
HSV	86°, 22%, 84%
XYZ	53.3495, 62.3896, 46.2697
YIQ	202.7760, 2.8460, -18.5460

Conversions

Conversions Part 2

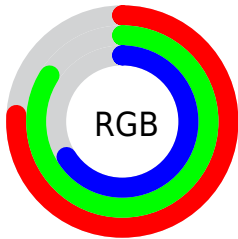
Format	Color
R _{YB}	168, 214, 188
Decimal	12768936
CIE _{Lab}	83.12, -14.80, 20.53
CIE _{LCh}	83, 25.309, 125.776
Yxy	62.3896, 0.3293, 0.3851
Android (android.graphics.Color)	4290959016 (0xFFC2D6A8)
YUV	202.7760, -17.1446, -7.6966
Hunter-Lab	78.9871, -17.6648, 20.5596

Details

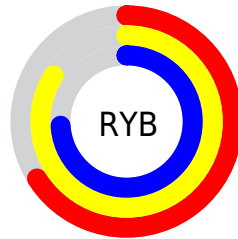
The Yxy color $62.3896, 0.3293, 0.3851$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $43.5578, 0.2931, 0.2722$, and the grayscale version is $59.6761, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.3569, 0.3290, 0.3604$, and $31.6327, 0.3327, 0.3992$ is the 20% darker color. If you saturate the color by 10%, you get $60.4627, 0.3366, 0.4136$, and if you desaturate by 10%, it is $64.5309, 0.3216, 0.3579$.

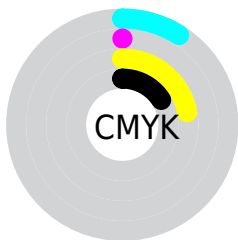
Distribution



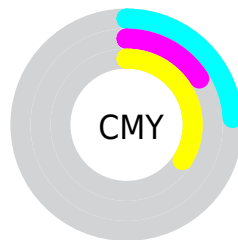
- Red (76%)
- Green (84%)
- Blue (66%)



- Red (66%)
- Yellow (84%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)





- Cyan (24%)
- Magenta (16%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3896, 0.3293, 0.3851 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 62.3896, 0.3293, 0.3851 by changing the saturation by 10% instead.


 62.3896, 0.3293,
0.3851

 62.3896, 0.3293,
0.3851


433.3508, 0.3218,
0.3577

 45.3476, 0.3309,
0.3917


 108.2884, 0.3268,
0.3753

 31.7313, 0.3329,
0.4001


 137.9140, 0.3258,
0.3716

 21.1563, 0.3353,
0.4110


172.5029, 0.3249,
0.3684

 13.2383, 0.3382,
0.4257

212.4395, 0.3241,
0.3657

 7.5929, 0.3417,
0.4468

258.1082, 0.3234,
0.3633

 3.8356, 0.3456,
0.4789

309.8934, 0.3228,

 1.5820, 0.3739,

0.3612

0.5732

368.1794, 0.3223,
0.3594

0.3454, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.3896, 0.3293,
0.3851

62.3896, 0.3293,
0.3851

60.4627, 0.3366,
0.4136

64.5309, 0.3216,
0.3579

58.7342, 0.3431,
0.4428

66.8857, 0.3139,
0.3326

57.1983, 0.3483,
0.4715

69.4637, 0.3063,
0.3094

55.8460, 0.3518,
0.4985

72.2716, 0.2990,
0.2884

■ 54.6672, 0.3533,
0.5224

■ 73.9598, 0.3045,
0.2878

■ 53.6504, 0.3524,
0.5418

■ 75.6421, 0.3110,
0.2886

■ 52.7824, 0.3491,
0.5559

■ 76.5845, 0.3146,
0.2891

■ 52.1437, 0.3450,
0.5642

Harmonies

Analogous

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



62.3896, 0.3579, 0.3834



62.3896, 0.3293, 0.3851



62.3896, 0.2973, 0.3694

Triad

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



62.3896, 0.3293, 0.3851



62.3896, 0.2540, 0.2878



62.3896, 0.3561, 0.3155

Complementary

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



62.3896, 0.3293, 0.3851



43.5578, 0.2931, 0.2722

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.



62.3896, 0.3261, 0.2930



62.3896, 0.3293, 0.3851



62.3896, 0.2679, 0.2768

Square

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



62.3896, 0.3293, 0.3851



62.3896, 0.2549, 0.3109



62.3896, 0.2938, 0.2791



62.3896, 0.3742, 0.3420

Rectangle

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



62.3896, 0.3293, 0.3851



62.3896, 0.2783, 0.3514



62.3896, 0.2938, 0.2791



62.3896, 0.3470, 0.3073

Sweetspot

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



62.3923, 0.3293, 0.3851



97.8093, 0.3174, 0.3439



53.0655, 0.3510, 0.3530



20.8857, 0.3179, 0.3456



0.0000, 0.0000, 0.0000



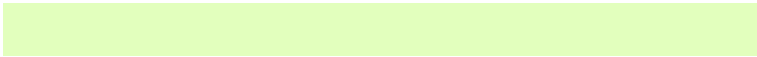
21.4041, 0.3127, 0.3290

Same Dimension

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



62.3923, 0.3293, 0.3851



91.3616, 0.3328, 0.3985



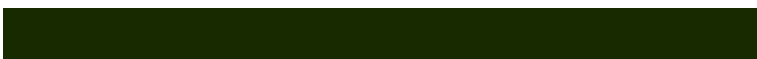
59.5956, 0.3121, 0.3881



14.2378, 0.3200, 0.3525



31.5727, 0.3460, 0.5634



1.9529, 0.3583, 0.5537

Inverse Universe

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



43.5578, 0.2931, 0.2722



58.3343, 0.2878, 0.2584



46.6991, 0.3126, 0.2754



12.2711, 0.3049, 0.3054



4.4120, 0.1911, 0.0827



0.3146, 0.2107, 0.0934

Previews

White Background



This preview shows how the Yxy color 62.3896, 0.3293, 0.3851 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 62.3896, 0.3293, 0.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

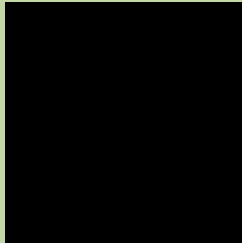
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3896, 0.3293, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 62.3896, 0.3293, 0.3851.



This preview shows how white text looks on a background with the Yxy color 62.3896, 0.3293, 0.3851.

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

62.3896, 0.3293, 0.3851

Protanopia

62.0386, 0.3547, 0.3775

Deuteranopia

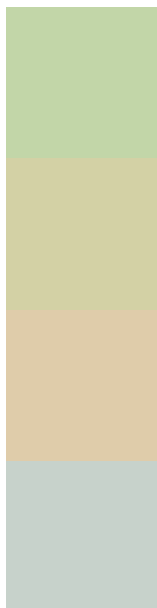
62.1378, 0.3670, 0.3598



Tritanopia

62.5099, 0.2981, 0.3107

Trichromacy



Original Color

62.3896, 0.3293, 0.3851

Protanomaly

62.1664, 0.3458, 0.3808

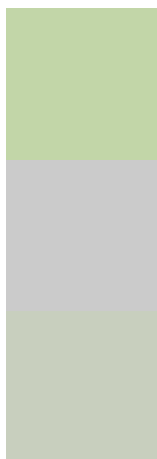
Deuteranomaly

61.7760, 0.3531, 0.3680

Tritanomaly

62.5471, 0.3094, 0.3372

Monochromacy



Original Color

62.3896, 0.3293, 0.3851

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.6227, 0.3194, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3896, 0.3293, 0.3851 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(194, 214, 168)` looks like.

```
.text, #text, p{  
    color:rgb(194, 214, 168)  
}
```

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(194, 214, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 214, 168) }
```

Border

The CSS property to change the border of an element to Yxy 62.3896, 0.3293, 0.3851 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(194, 214, 168) }
```

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

```
.border{ border-color:rgb(194, 214, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 214, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 214, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 214, 168);  
box-shadow:4px 4px 4px 4px rgb(194, 214,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3896, 0.3293, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 214, 168) }
```

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

```
.background{ background-color: rgb(194,  
214, 168) }
```

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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