

Converting Colors

$Yxy(50.2263, 0.3664, 0.4099)$

Have a look what the booklet for
Yxy(50.2263, 0.3664, 0.4099)
contains.

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Color

Yxy(50.3960, 0.3662, 0.4104)

Conversions

Conversions Part 1

Format	Color
Hex	C3BF7F
RGB	195, 191, 127
RGB Percent	76%, 75%, 50%
CMY	0.2353, 0.2510, 0.5020
CMYK	0.00, 0.02, 0.35, 0.24
HSL	56°, 36%, 63%
HSV	56°, 35%, 76%
XYZ	44.9684, 50.3960, 27.4329
YIQ	184.9000, 22.9280, -19.0560

Conversions

Conversions Part 2

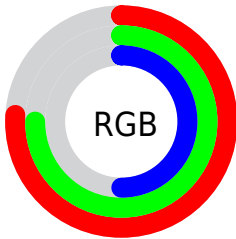
Format	Color
RYB	131, 195, 127
Decimal	12828543
CIELab	76.31, -8.29, 32.84
CIELCh	76, 33.869, 104.166
Yxy	50.3960, 0.3662, 0.4104
Android (android.graphics.Color)	4291018623 (0xFFC3BF7F)
YUV	184.9000, -28.5447, 8.8577
Hunter-Lab	70.9901, -11.1628, 26.7815

Details

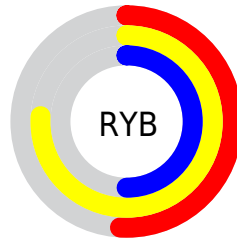
The Yxy color **50.3960, 0.3662, 0.4104** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.6841, 0.2511, 0.2320**, and the grayscale version is **48.6107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5123, 0.3573, 0.3961**, and **24.2882, 0.3785, 0.4328** is the 20% darker color. If you saturate the color by 10%, you get **49.4392, 0.3812, 0.4325**, and if you desaturate by 10%, it is **51.4598, 0.3506, 0.3871**.

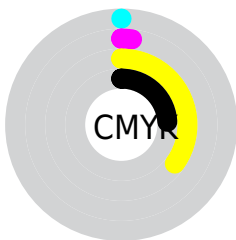
Distribution



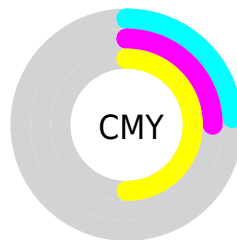
- Red (76%)
- Green (75%)
- Blue (50%)



- Red (51%)
- Yellow (76%)
- Blue (50%)



- Cyan (0%)
- Magenta (2%)
- Yellow (35%)
- Black (24%)




- Cyan (24%)
- Magenta (25%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3960, 0.3662, 0.4104 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 50.3960, 0.3662, 0.4104 by changing the saturation by 10% instead.


 50.3960, 0.3662,
0.4104


 50.3960, 0.3662,
0.4104


388.2125, 0.3407,
0.3700


 35.7281, 0.3721,
0.4202


 90.7613, 0.3573,
0.3959

 24.2243, 0.3792,
0.4326


 117.2276, 0.3538,
0.3904

 15.5001, 0.3880,
0.4485


 148.3955, 0.3508,
0.3857

 9.1711, 0.3989,
0.4696

184.6493, 0.3483,
0.3817

 4.8530, 0.4119,
0.4982

226.3736, 0.3460,
0.3782

 2.1612, 0.4416,
0.5584

273.9526, 0.3440,

 0.6987, 0.3979,

0.3751

0.6021

327.7708, 0.3422,
0.3724

0.0000, 0.0000,
0.0000

50.3960, 0.3662,
0.4104

50.3960, 0.3662,
0.4104

49.4392, 0.3812,
0.4325

51.4598, 0.3506,
0.3871

48.5766, 0.3950,
0.4525

52.6288, 0.3351,
0.3634

47.8045, 0.4070,
0.4694


53.9103, 0.3199,
0.3401


47.1155, 0.4168,
0.4824

55.3089, 0.3054,
0.3177


46.5017, 0.4239,
0.4911


56.8288, 0.2919,
0.2965

 45.9530, 0.4284,
0.4955

 58.4741, 0.2793,
0.2768

 45.6871, 0.4300,
0.4968

 59.6892, 0.2728,
0.2670

 60.2198, 0.2729,
0.2683

 60.7544, 0.2730,
0.2696

Harmonies

Analogous

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



50.3960, 0.3968, 0.3897



50.3960, 0.3662, 0.4104



50.3960, 0.3225, 0.4076

Triad

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



50.3960, 0.3662, 0.4104



50.3960, 0.2290, 0.2911



50.3960, 0.3445, 0.2863

Complementary

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



50.3960, 0.3662, 0.4104



24.6841, 0.2511, 0.2320

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.



50.3960, 0.2975, 0.2633



50.3960, 0.3662, 0.4104



50.3960, 0.2337, 0.2639

Square

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



50.3960, 0.3662, 0.4104



50.3960, 0.2445, 0.3331



50.3960, 0.2578, 0.2549



50.3960, 0.3848, 0.3192

Rectangle

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



50.3960, 0.3662, 0.4104



50.3960, 0.2921, 0.3904



50.3960, 0.2578, 0.2549



50.3960, 0.3288, 0.2773

Sweetspot

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



50.3983, 0.3662, 0.4104



95.3084, 0.3278, 0.3523



28.4332, 0.3889, 0.3231



20.8002, 0.3300, 0.3556



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.



50.3983, 0.3662, 0.4104



88.9050, 0.3779, 0.4278



48.6229, 0.3389, 0.4228



11.6534, 0.3266, 0.3504



29.7351, 0.4299, 0.4969



1.3162, 0.4273, 0.4989

Inverse Universe

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



24.6841, 0.2511, 0.2320



35.8794, 0.2351, 0.2062



26.2320, 0.2776, 0.2331



9.8410, 0.2983, 0.3066



2.7662, 0.1512, 0.0643



0.1530, 0.1555, 0.0799

Previews

White Background



This preview shows how the Yxy color 50.3960, 0.3662, 0.4104 looks on a white background.

Color Contrast Check

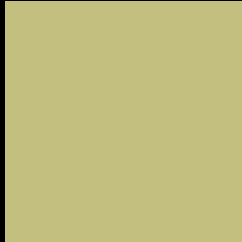
Large Text (above 18pt) WCAG AA × Fail

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 50.3960, 0.3662, 0.4104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

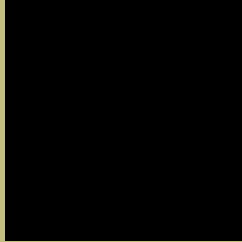
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3960, 0.3662, 0.4104

Background



This preview shows how black text looks on a background with the Yxy color 50.3960, 0.3662, 0.4104.



This preview shows how white text looks on a background with the Yxy color 50.3960, 0.3662, 0.4104.

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

50.3960, 0.3662, 0.4104

Protanopia

50.3102, 0.3764, 0.4059

Deuteranopia

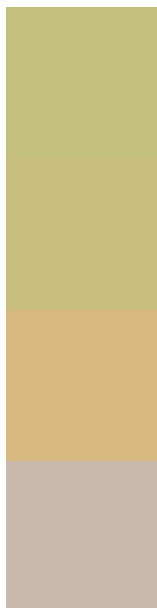
50.2350, 0.3969, 0.3884



Tritanopia

50.1836, 0.3186, 0.3109

Trichromacy



Original Color

50.3960, 0.3662, 0.4104

Protanomaly

50.3191, 0.3732, 0.4078

Deuteranomaly

50.1356, 0.3857, 0.3965

Tritanomaly

49.9558, 0.3360, 0.3453

Monochromacy



Original Color

50.3960, 0.3662, 0.4104

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.0398, 0.3326, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3960, 0.3662, 0.4104 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(195, 191, 127)` looks like.

```
.text, #text, p{  
    color:rgb(195, 191, 127)  
}
```

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(195, 191, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 191, 127) }
```

Border

The CSS property to change the border of an element to Yxy 50.3960, 0.3662, 0.4104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

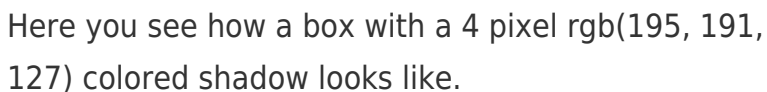
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 191, 127) }
```

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

```
.border{ border-color:rgb(195, 191, 127) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 191, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 191, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 191, 127); box-shadow:4px 4px 4px 4px rgb(195, 191, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3960, 0.3662, 0.4104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 191, 127) }
```

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

```
.background{ background-color: rgb(195,  
191, 127) }
```

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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