

Converting Colors

Yxy(51.6378, 0.3519, 0.3972)

Have a look what the booklet for
Yxy(51.6378, 0.3519, 0.3972)
contains.

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Color

Yxy(51.7131, 0.3517, 0.3968)

Conversions

Conversions Part 1

Format	Color
Hex	C0C28D
RGB	192, 194, 141
RGB Percent	75%, 76%, 55%
CMY	0.2471, 0.2392, 0.4469
CMYK	0.01, 0.00, 0.27, 0.24
HSL	62°, 30%, 66%
HSV	62°, 27%, 76%
XYZ	45.8354, 51.7131, 32.7768
YIQ	187.3600, 15.8210, -16.9070

Conversions

Conversions Part 2

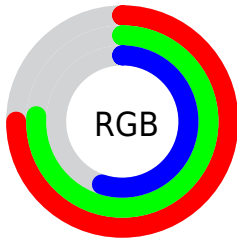
Format	Color
RYB	141, 194, 143
Decimal	12632717
CIELab	77.11, -9.24, 26.49
CIELCh	77, 28.057, 109.221
Yxy	51.7131, 0.3517, 0.3968
Android (android.graphics.Color)	4290822797 (0xFFC0C28D)
YUV	187.3600, -22.8555, 4.0693
Hunter-Lab	71.9118, -12.0727, 23.3144

Details

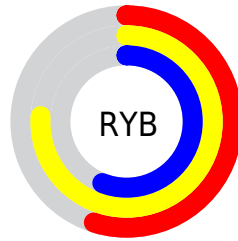
The Yxy color **51.7131, 0.3517, 0.3968** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.7998, 0.2675, 0.2518**, and the grayscale version is **50.0337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4511, 0.3453, 0.3842**, and **24.8976, 0.3621, 0.4154** is the 20% darker color. If you saturate the color by 10%, you get **51.0906, 0.3656, 0.4214**, and if you desaturate by 10%, it is **52.4419, 0.3373, 0.3716**.

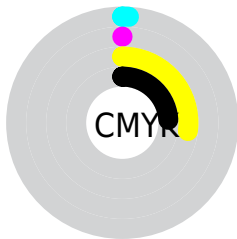
Distribution



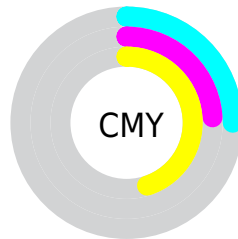
- Red (75%)
- Green (76%)
- Blue (55%)



- Red (55%)
- Yellow (76%)
- Blue (56%)



- Cyan (1%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)





- Cyan (25%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7131, 0.3517, 0.3968 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 51.7131, 0.3517, 0.3968 by changing the saturation by 10% instead.


 51.7131, 0.3517,
0.3968


 51.7131, 0.3517,
0.3968


393.3280, 0.3331,
0.3630


 36.7764, 0.3560,
0.4051


 92.7080, 0.3452,
0.3846

 25.0344, 0.3613,
0.4157


 119.5350, 0.3426,
0.3800

 16.1027, 0.3680,
0.4295


 151.0943, 0.3405,
0.3761

 9.5969, 0.3765,
0.4483

187.7702, 0.3386,
0.3727

 5.1325, 0.3873,
0.4749

229.9471, 0.3370,
0.3698

 2.3252, 0.4163,
0.5353

278.0094, 0.3355,

 0.7870, 0.3990,

0.3673

0.6010

332.3416, 0.3342,
0.3650

0.0000, 0.0000,
0.0000

51.7131, 0.3517,
0.3968

51.7131, 0.3517,
0.3968

51.0906, 0.3656,
0.4214

52.4419, 0.3373,
0.3716

50.5621, 0.3786,
0.4445

53.2750, 0.3230,
0.3467

50.1243, 0.3900,
0.4652

54.2192, 0.3090,
0.3226

49.7707, 0.3993,
0.4825


55.2789, 0.2957,
0.2998


49.4942, 0.4061,
0.4957


56.4580, 0.2833,
0.2786

 49.2864, 0.4104,
0.5046


 57.6026, 0.2733,
0.2614

 49.1353, 0.4123,
0.5095

 57.7029, 0.2738,
0.2615

 49.0987, 0.4126,
0.5106

 57.8037, 0.2743,
0.2616

 57.9049, 0.2748,
0.2617

Harmonies

Analogous

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



51.7131, 0.3791, 0.3836



51.7131, 0.3517, 0.3968



51.7131, 0.3149, 0.3900

Triad

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



51.7131, 0.3517, 0.3968



51.7131, 0.2425, 0.2935



51.7131, 0.3453, 0.2977

Complementary

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



51.7131, 0.3517, 0.3968



28.7998, 0.2675, 0.2518

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.



51.7131, 0.3069, 0.2766



51.7131, 0.3517, 0.3968



51.7131, 0.2493, 0.2728

Square

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



51.7131, 0.3517, 0.3968



51.7131, 0.2529, 0.3266



51.7131, 0.2721, 0.2674



51.7131, 0.3759, 0.3265

Rectangle

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



51.7131, 0.3517, 0.3968



51.7131, 0.2901, 0.3739



51.7131, 0.2721, 0.2674



51.7131, 0.3328, 0.2896

Sweetspot

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



51.7154, 0.3517, 0.3968



96.3794, 0.3241, 0.3487



32.9788, 0.3705, 0.3316



21.0532, 0.3263, 0.3525



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.



51.7154, 0.3517, 0.3968



92.9606, 0.3604, 0.4122



48.5922, 0.3291, 0.4020



11.7380, 0.3259, 0.3518



32.2860, 0.4127, 0.5105



1.4012, 0.4143, 0.5092

Inverse Universe

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



28.7998, 0.2675, 0.2518



44.2940, 0.2553, 0.2311



31.4213, 0.2917, 0.2568



9.7660, 0.2989, 0.3052



2.6006, 0.1514, 0.0608



0.1188, 0.1565, 0.0636

Previews

White Background



This preview shows how the Yxy color 51.7131, 0.3517, 0.3968 looks on a white background.

Color Contrast Check

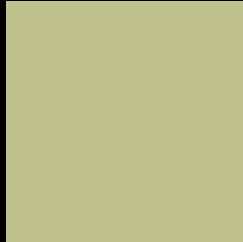
Large Text (above 18pt) WCAG AA × Fail

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 51.7131, 0.3517, 0.3968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

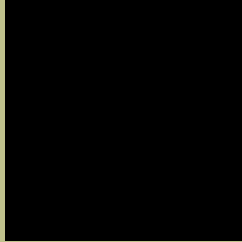
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

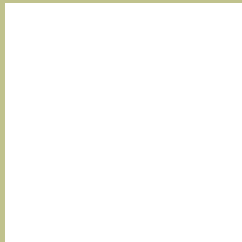
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7131, 0.3517, 0.3968

Background



This preview shows how black text looks on a background with the Yxy color 51.7131, 0.3517, 0.3968.



This preview shows how white text looks on a background with the Yxy color 51.7131, 0.3517, 0.3968.

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

51.7131, 0.3517, 0.3968

Protanopia

51.5284, 0.3653, 0.3923

Deuteranopia

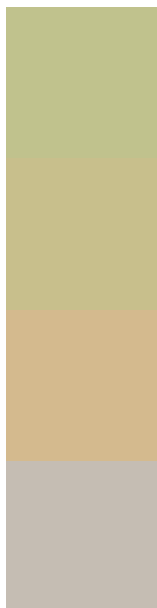
51.2864, 0.3831, 0.3748



Tritanopia

51.6142, 0.3127, 0.3109

Trichromacy



Original Color

51.7131, 0.3517, 0.3968

Protanomaly

51.4344, 0.3605, 0.3930

Deuteranomaly

51.0679, 0.3715, 0.3825

Tritanomaly

51.5202, 0.3272, 0.3415

Monochromacy



Original Color

51.7131, 0.3517, 0.3968

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.5480, 0.3273, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7131, 0.3517, 0.3968 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(192, 194, 141)` looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 141)  
}
```

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(192, 194, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 141) }
```

Border

The CSS property to change the border of an element to Yxy 51.7131, 0.3517, 0.3968 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(192, 194, 141) }
```

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

```
.border{ border-color:rgb(192, 194, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 194, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 194, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 194, 141);  
box-shadow:4px 4px 4px 4px rgb(192, 194,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7131, 0.3517, 0.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 194, 141) }
```

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

```
.background{ background-color: rgb(192,  
194, 141) }
```

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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