

Converting Colors

Yxy(52.0605, 0.3989, 0.4403)

Have a look what the booklet for
Yxy(52.0605, 0.3989, 0.4403)
contains.

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Color

Yxy(51.9910, 0.3983, 0.4400)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D0C062 |
| RGB | 208, 192, 98 |
| RGB Percent | 82%, 75%, 38% |
| CMY | 0.1844, 0.2470, 0.6157 |
| CMYK | 0.00, 0.08, 0.53, 0.18 |
| HSL | 51°, 54%, 60% |
| HSV | 51°, 53%, 82% |
| XYZ | 47.0637, 51.9910, 19.1067 |
| YIQ | 186.0680, 39.7100, -25.8420 |

Conversions

Conversions Part 2

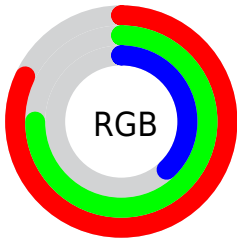
| Format | Color |
|--|---|
| RYB | 117, 208, 98 |
| Decimal | 13680738 |
| CIELab | 77.28, -6.48, 48.85 |
| CIElCh | 77, 49.277, 97.560 |
| Yxy | 51.9910, 0.3983, 0.4400 |
| Android (android.graphics.Color) | 4291870818 (0xFFD0C062) |
| YUV | 186.0680, -43.4175, 19.2344 |
| Hunter-Lab | 72.1048, -9.6742, 34.7624 |

Details

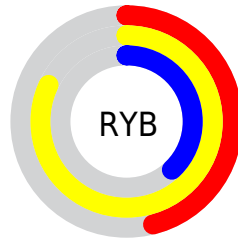
The Yxy color **51.9910, 0.3983, 0.4400** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **19.1767, 0.2161, 0.1848**, and the grayscale version is **49.3741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6292, 0.3764, 0.4244**, and **25.2498, 0.4158, 0.4664** is the 20% darker color. If you saturate the color by 10%, you get **50.3371, 0.4131, 0.4565**, and if you desaturate by 10%, it is **53.7791, 0.3822, 0.4207**.

Distribution



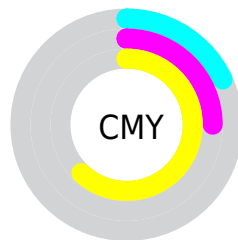
- Red (82%)
- Green (75%)
- Blue (38%)



- Red (46%)
- Yellow (82%)
- Blue (38%)



- Cyan (0%)
- Magenta (8%)
- Yellow (53%)
- Black (18%)





- Cyan (18%)
- Magenta (25%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9910, 0.3983, 0.4400 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 51.9910, 0.3983, 0.4400 by changing the saturation by 10% instead.


 51.9910, 0.3983,
0.4400


 51.9910, 0.3983,
0.4400


394.4019, 0.3587,
0.3868


 36.9979, 0.4067,
0.4520


 93.1180, 0.3849,
0.4215


 25.2059, 0.4165,
0.4663


 120.0206, 0.3796,
0.4143

 16.2305, 0.4277,
0.4836


 151.6619, 0.3749,
0.4081

 9.6874, 0.4396,
0.5040

 188.4263, 0.3709,
0.4027

 5.1922, 0.4608,
0.5392

230.6980, 0.3673,
0.3980

 2.3605, 0.4528,
0.5472

278.8616, 0.3641,

 0.8054, 0.4299,

0.3938

0.5701

333.3014, 0.3612,
0.3901

0.0000, 0.0000,
0.0000

51.9910, 0.3983,
0.4400

51.9910, 0.3983,
0.4400

50.3371, 0.4131,
0.4565

53.7791, 0.3822,
0.4207

48.8017, 0.4260,
0.4694

55.7015, 0.3654,
0.3998

47.3780, 0.4363,
0.4780

57.7672, 0.3487,
0.3780

46.0545, 0.4437,
0.4820

59.9825, 0.3324,
0.3562

45.1601, 0.4477,
0.4827

62.3533, 0.3170,
0.3350

■ 64.8848, 0.3026,
0.3147

■ 67.5822, 0.2893,
0.2958

■ 69.8316, 0.2826,
0.2874

■ 71.3956, 0.2828,
0.2907

Harmonies

Analogous

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



51.9910, 0.4376, 0.4014



51.9910, 0.3983, 0.4400



51.9910, 0.3383, 0.4493

Triad

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



51.9910, 0.3983, 0.4400



51.9910, 0.1987, 0.2841



51.9910, 0.3425, 0.2612

Complementary

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



51.9910, 0.3983, 0.4400



19.1767, 0.2161, 0.1848

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.



51.9910, 0.2763, 0.2342



51.9910, 0.3983, 0.4400



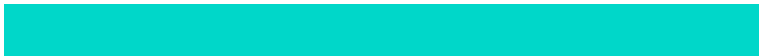
51.9910, 0.1996, 0.2425

Square

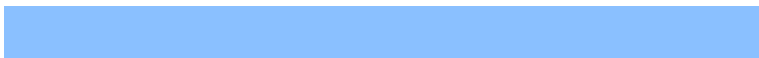
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.9910, 0.3983, 0.4400



51.9910, 0.2245, 0.3484



51.9910, 0.2261, 0.2268



51.9910, 0.4059, 0.3027

Rectangle

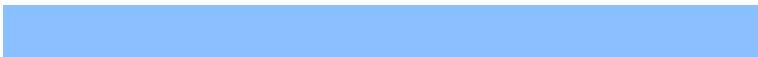
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.9910, 0.3983, 0.4400



51.9910, 0.2952, 0.4310



51.9910, 0.2261, 0.2268



51.9910, 0.3196, 0.2503

Sweetspot

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



51.9934, 0.3983, 0.4400



93.9222, 0.3377, 0.3633



23.3675, 0.4422, 0.3090



19.9459, 0.3411, 0.3679



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.



51.9934, 0.3983, 0.4400



79.5992, 0.4143, 0.4578



54.4765, 0.3566, 0.4713



13.4927, 0.3270, 0.3487



28.2600, 0.4472, 0.4831



1.6620, 0.4414, 0.4878

Inverse Universe

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



19.1767, 0.2161, 0.1848



22.5011, 0.1955, 0.1510



18.5621, 0.2441, 0.1744



11.6908, 0.2982, 0.3085



3.5102, 0.1535, 0.0725



0.2874, 0.1613, 0.1005

Previews

White Background



This preview shows how the Yxy color 51.9910, 0.3983, 0.4400 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 51.9910, 0.3983, 0.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

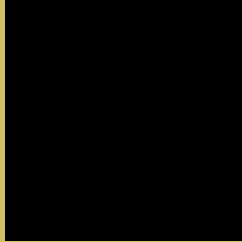
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9910, 0.3983, 0.4400

Background



This preview shows how black text looks on a background with the Yxy color 51.9910, 0.3983, 0.4400.



This preview shows how white text looks on a background with the Yxy color 51.9910, 0.3983, 0.4400.

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

51.9910, 0.3983, 0.4400

Protanopia

51.9923, 0.4016, 0.4378

Deuteranopia

51.8684, 0.4267, 0.4179



Tritanopia

51.7396, 0.3324, 0.3127

Trichromacy



Original Color

51.9910, 0.3983, 0.4400

Protanomaly

51.8451, 0.4007, 0.4382

Deuteranomaly

52.0262, 0.4167, 0.4263

Tritanomaly

51.5321, 0.3585, 0.3592

Monochromacy



Original Color

51.9910, 0.3983, 0.4400

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.7689, 0.3448, 0.3726

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9910, 0.3983, 0.4400 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(208, 192, 98)` looks like.

```
.text, #text, p{  
    color:rgb(208, 192, 98)  
}
```

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(208, 192, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 192, 98) }
```

Border

The CSS property to change the border of an element to Yxy 51.9910, 0.3983, 0.4400 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(208, 192, 98) }
```

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

```
.border{ border-color:rgb(208, 192, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 192, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 192, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 192, 98);  
box-shadow:4px 4px 4px 4px rgb(208, 192,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9910, 0.3983, 0.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 192, 98) }
```

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

```
.background{ background-color: rgb(208,  
192, 98) }
```

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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