

Converting Colors

$Y_{xy}(43.8710, 0.4183, 0.4700)$

Have a look what the booklet for
Yxy(43.8710, 0.4183, 0.4700)
contains.

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Color

Yxy(44.0150, 0.4182, 0.4703)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C2B33A |
| RGB | 194, 179, 58 |
| RGB Percent | 76%, 70%, 23% |
| CMY | 0.2391, 0.2981, 0.7726 |
| CMYK | 0.00, 0.08, 0.70, 0.24 |
| HSL | 53°, 54%, 49% |
| HSV | 53°, 70%, 76% |
| XYZ | 39.1390, 44.0150, 10.4352 |
| YIQ | 169.6910, 47.7810, -34.4510 |

Conversions

Conversions Part 2

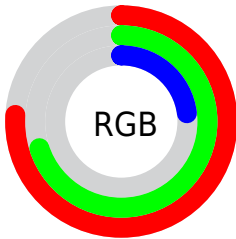
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 75, 194, 58 |
| Decimal | 12759866 |
| CIELab | 72.24, -8.35, 60.61 |
| CIELCh | 72, 61.182, 97.846 |
| Yxy | 44.0150, 0.4182, 0.4703 |
| Android (android.graphics.Color) | 4290949946 (0xFFC2B33A) |
| YUV | 169.6910, -55.0637, 21.3190 |
| Hunter-Lab | 66.3438, -10.7970, 37.1150 |

Details

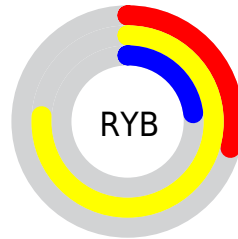
The Yxy color **44.0150, 0.4182, 0.4703** is a dark color, and the websafe version is hex **999900**. The color can be described as middle muted orange. A complement of this color would be **9.5670, 0.1835, 0.1265**, and the grayscale version is **40.3010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8981, 0.4028, 0.4473**, and **20.4971, 0.4323, 0.4949** is the 20% darker color. If you saturate the color by 10%, you get **43.0020, 0.4281, 0.4806**, and if you desaturate by 10%, it is **45.1200, 0.4058, 0.4559**.

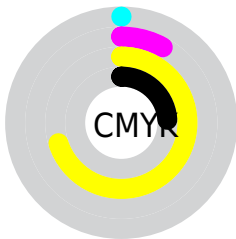
Distribution



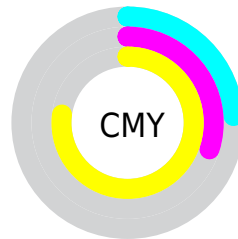
- Red (76%)
- Green (70%)
- Blue (23%)



- Red (29%)
- Yellow (76%)
- Blue (23%)



- Cyan (0%)
- Magenta (8%)
- Yellow (70%)
- Black (24%)





- Cyan (24%)
- Magenta (30%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0150, 0.4182, 0.4703 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 44.0150, 0.4182, 0.4703 by changing the saturation by 10% instead.


 44.0150, 0.4182,
0.4703

 44.0150, 0.4182,
0.4703


362.7695, 0.3704,
0.4027


 30.6823, 0.4272,
0.4846


 81.2403, 0.4027,
0.4473


 20.3571, 0.4368,
0.5010


 105.9017, 0.3963,
0.4382

 12.6549, 0.4458,
0.5192


 135.1081, 0.3906,
0.4302

 7.1913, 0.4567,
0.5433

 169.2440, 0.3856,
0.4233

 3.5820, 0.4485,
0.5515

 208.6937, 0.3812,
0.4172

 1.4426, 0.4344,
0.5656

253.8415, 0.3772,

 0.2478, 0.1133,

0.4118

0.8867

305.0720, 0.3736,
0.4070

■ 0.0000, 0.0000,
0.0000

■ 44.0150, 0.4182,
0.4703

■ 44.0150, 0.4182,
0.4703

■ 43.0020, 0.4281,
0.4806

■ 45.1200, 0.4058,
0.4559

■ 42.0657, 0.4354,
0.4865

■ 46.3182, 0.3915,
0.4381

■ 41.2002, 0.4403,
0.4886

■ 47.6183, 0.3760,
0.4177

■ 49.0265, 0.3598,
0.3958

■ 50.5480, 0.3436,
0.3733

■ 52.1879, 0.3279,
0.3509

■ 53.9510, 0.3129,
0.3292

■ 55.8417, 0.2988,
0.3086

■ 57.8643, 0.2859,
0.2893

Harmonies

Analogous

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



44.0150, 0.4719, 0.4161



44.0150, 0.4182, 0.4703



44.0150, 0.3408, 0.4897

Triad

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



44.0150, 0.4182, 0.4703



44.0150, 0.1690, 0.2672



44.0150, 0.3512, 0.2436

Complementary

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



44.0150, 0.4182, 0.4703



9.5670, 0.1835, 0.1265

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.



44.0150, 0.2653, 0.2105



44.0150, 0.4182, 0.4703



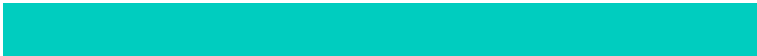
44.0150, 0.1712, 0.2173

Square

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



44.0150, 0.4182, 0.4703



44.0150, 0.1986, 0.3518



44.0150, 0.2032, 0.2003



44.0150, 0.4356, 0.2941

Rectangle

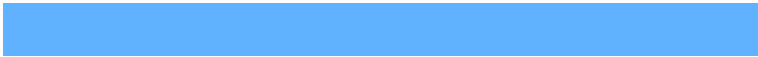
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.0150, 0.4182, 0.4703



44.0150, 0.2861, 0.4670



44.0150, 0.2032, 0.2003



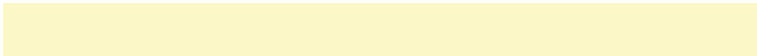
44.0150, 0.3210, 0.2303

Sweetspot

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



44.0171, 0.4182, 0.4703



91.1927, 0.3456, 0.3761



14.9929, 0.5206, 0.3122



19.7972, 0.3502, 0.3824



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.



44.0171, 0.4182, 0.4703



76.9735, 0.4323, 0.4842



44.6465, 0.3594, 0.5142



11.5619, 0.3267, 0.3493



27.1509, 0.4399, 0.4889



1.2285, 0.4348, 0.4930

Inverse Universe

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



9.5670, 0.1835, 0.1265



11.1650, 0.1628, 0.0893



10.2471, 0.2211, 0.1280



9.9233, 0.2983, 0.3079



2.9859, 0.1525, 0.0688



0.1902, 0.1601, 0.0962

Previews

White Background



This preview shows how the Yxy color 44.0150, 0.4182, 0.4703 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 44.0150, 0.4182, 0.4703 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 44.0150, 0.4182, 0.4703

Background



This preview shows how black text looks on a background with the Yxy color 44.0150, 0.4182, 0.4703.



This preview shows how white text looks on a background with the Yxy color 44.0150, 0.4182, 0.4703.

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

44.0150, 0.4182, 0.4703

Protanopia

43.7555, 0.4237, 0.4661

Deuteranopia

43.7252, 0.4512, 0.4414



Tritanopia

43.7701, 0.3357, 0.3129

Trichromacy



Original Color

44.0150, 0.4182, 0.4703

Protanomaly

44.0166, 0.4219, 0.4676

Deuteranomaly

43.6909, 0.4388, 0.4515

Tritanomaly

43.1828, 0.3712, 0.3743

Monochromacy



Original Color

44.0150, 0.4182, 0.4703

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.0558, 0.3562, 0.3900

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0150, 0.4182, 0.4703 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, 179, 58)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 58)  
}
```

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, 179, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 58) }
```

Border

The CSS property to change the border of an element to Yxy 44.0150, 0.4182, 0.4703 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, 179, 58) }
```

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

```
.border{ border-color:rgb(194, 179, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 179, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 58);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0150, 0.4182, 0.4703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 179, 58) }
```

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

```
.background{ background-color: rgb(194,  
179, 58) }
```

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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