

Converting Colors

$Y_{xy}(26.3935, 0.4953, 0.4407)$

Have a look what the booklet for
Yxy(26.3935, 0.4953, 0.4407)
contains.

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Color

Yxy(26.4152, 0.4959, 0.4400)

Conversions

Conversions Part 1

Format	Color
Hex	C27E0B
RGB	194, 126, 11
RGB Percent	76%, 49%, 4%
CMY	0.2392, 0.5059, 0.9566
CMYK	0.00, 0.35, 0.94, 0.24
HSL	38°, 89%, 40%
HSV	38°, 94%, 76%
XYZ	29.7711, 26.4152, 3.8482
YIQ	133.2220, 77.4430, -21.3490

Conversions

Conversions Part 2

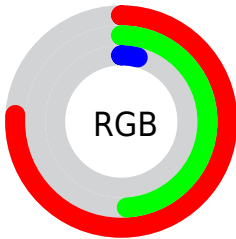
Format	Color
R_{YB}	119, 194, 11
Decimal	12746251
CIE Lab	58.43, 18.75, 62.69
CIE LCh	58, 65.436, 73.349
Yxy	26.4152, 0.4959, 0.4400
Android (android.graphics.Color)	4290936331 (0xFFC27E0B)
YUV	133.2220, -60.2554, 53.3023
Hunter-Lab	51.3957, 13.4542, 31.5377

Details

The Yxy color **26.4152, 0.4959, 0.4400** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **9.5708, 0.1703, 0.1285**, and the grayscale version is **23.7475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9812, 0.4641, 0.4278**, and **10.4587, 0.5171, 0.4276** is the 20% darker color. If you saturate the color by 10%, you get **25.3607, 0.5041, 0.4379**, and if you desaturate by 10%, it is **28.4000, 0.4798, 0.4409**.

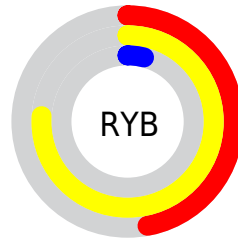
Distribution



Red (76%)

Green (49%)

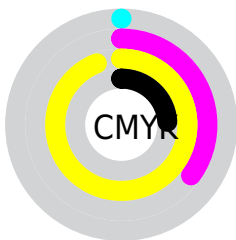
Blue (4%)



Red (47%)

Yellow (76%)

Blue (4%)

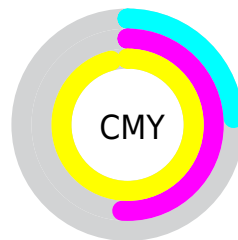


Cyan (0%)

Magenta (35%)

Yellow (94%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4152, 0.4959, 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 26.4152, 0.4959, 0.4400 by changing the saturation by 10% instead.


 26.4152, 0.4959,
0.4400


 26.4152, 0.4959,
0.4400


284.8144, 0.4043,
0.3933


 17.1345, 0.5147,
0.4452


 53.9440, 0.4647,
0.4271

 10.3304, 0.5389,
0.4502


 72.9609, 0.4522,
0.4209

 5.6186, 0.5571,
0.4429

 95.9920, 0.4413,
0.4151

 2.6146, 0.5759,
0.4241

 123.4217, 0.4319,
0.4099

 0.9340, 0.6085,
0.3915

 155.6344, 0.4236,
0.4051

 0.0000, 1.0000,
0.0000


 193.0145, 0.4164,


 0.0000, 0.0000,

0.4008

0.0000

 235.9463, 0.4100,
0.3969


 26.4152, 0.4959,
0.4400


 26.4152, 0.4959,
0.4400


 25.3607, 0.5041,
0.4379

 28.4000, 0.4798,
0.4409

 30.5803, 0.4606,
0.4366

 32.9698, 0.4393,
0.4277

 35.5791, 0.4171,
0.4153

 38.4174, 0.3950,
0.4004

■ 41.4935, 0.3737,
0.3843

■ 44.8153, 0.3539,
0.3677

■ 48.3902, 0.3357,
0.3513

■ 52.2252, 0.3192,
0.3355

Harmonies

Analogous

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



26.4152, 0.5256, 0.3652



26.4152, 0.4959, 0.4400



26.4152, 0.4192, 0.5098

Triad

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



26.4152, 0.4959, 0.4400



26.4152, 0.1626, 0.3322



26.4152, 0.2701, 0.1918

Complementary

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



26.4152, 0.4959, 0.4400



9.5708, 0.1703, 0.1285

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.



26.4152, 0.1902, 0.1743



26.4152, 0.4959, 0.4400



26.4152, 0.1376, 0.2344

Square

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



26.4152, 0.4959, 0.4400



26.4152, 0.2278, 0.4602



26.4152, 0.1473, 0.1857



26.4152, 0.3809, 0.2346

Rectangle

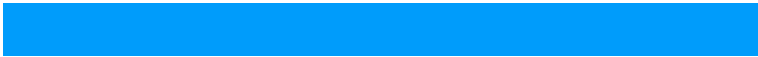
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.4152, 0.4959, 0.4400



26.4152, 0.3555, 0.5344



26.4152, 0.1473, 0.1857



26.4152, 0.2393, 0.1830

Sweetspot

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



26.4166, 0.4959, 0.4400



78.6335, 0.3619, 0.3746



12.3084, 0.5290, 0.2728



16.6459, 0.3708, 0.3819



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.



26.4166, 0.4959, 0.4400



45.4384, 0.5058, 0.4366



47.4570, 0.3989, 0.5185



11.1085, 0.3274, 0.3434



16.8340, 0.5027, 0.4391



0.8558, 0.4795, 0.4575

Inverse Universe

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



9.5708, 0.1703, 0.1285



15.0356, 0.1653, 0.1149



4.4503, 0.1580, 0.0672



10.3477, 0.2984, 0.3141



5.7636, 0.1667, 0.1200



0.3815, 0.1795, 0.1662

Previews

White Background



This preview shows how the Yxy color 26.4152, 0.4959, 0.4400 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4152, 0.4959, 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 × Fail

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

Yxy 26.4152, 0.4959, 0.4400

Background



This preview shows how black text looks on a background with the Yxy color 26.4152, 0.4959, 0.4400.



This preview shows how white text looks on a background with the Yxy color 26.4152, 0.4959, 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

26.4152, 0.4959, 0.4400

Protanopia

26.4612, 0.4369, 0.4832

Deuteranopia

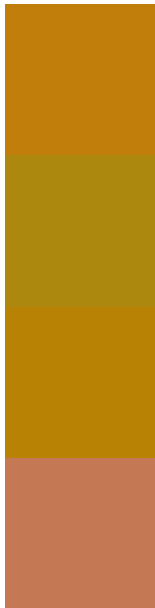
26.5152, 0.4708, 0.4644



Tritanopia

26.3711, 0.4053, 0.3173

Trichromacy



Original Color

26.4152, 0.4959, 0.4400

Protanomaly

26.4135, 0.4585, 0.4675

Deuteranomaly

26.4317, 0.4804, 0.4551

Tritanomaly

25.9434, 0.4540, 0.3758

Monochromacy



Original Color

26.4152, 0.4959, 0.4400

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.6551, 0.3900, 0.3959

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4152, 0.4959, 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(194, 126, 11)` looks like.

```
.text, #text, p{  
    color:rgb(194, 126, 11)  
}
```

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, 126, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 126, 11) }
```

Border

The CSS property to change the border of an element to Yxy 26.4152, 0.4959, 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(194, 126, 11) }
```

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

```
.border{ border-color:rgb(194, 126, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 126, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 126, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 126, 11);  
box-shadow:4px 4px 4px 4px rgb(194, 126,  
11) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4152, 0.4959, 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(194, 126, 11) }
```

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

```
.background{ background-color: rgb(194,  
126, 11) }
```

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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