

Converting Colors

$Y_{xy}(26.1370, 0.4984, 0.4438)$

Have a look what the booklet for
Yxy(26.1370, 0.4984, 0.4438)
contains.

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Color

Yxy(26.2592, 0.4973, 0.4434)

Conversions

Conversions Part 1

Format	Color
Hex	C17E00
RGB	193, 126, 0
RGB Percent	76%, 49%, 0%
CMY	0.2432, 0.5058, 1.0000
CMYK	0.00, 0.35, 1.00, 0.24
HSL	39°, 100%, 38%
HSV	39°, 100%, 76%
XYZ	29.4513, 26.2592, 3.5119
YIQ	131.6690, 80.3780, -24.9820

Conversions

Conversions Part 2

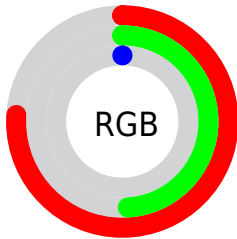
Format	Color
R_{YB}	103, 193, 0
Decimal	12680704
CIE _{Lab}	58.28, 18.16, 64.41
CIE _{LCh}	58, 66.921, 74.253
Yxy	26.2592, 0.4973, 0.4434
Android (android.graphics.Color)	4290870784 (0xFFC17E00)
YUV	131.6690, -64.9128, 53.7873
Hunter-Lab	51.2437, 12.9127, 31.8073

Details

The Yxy color **26.2592, 0.4973, 0.4434** 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 **7.8621, 0.1642, 0.1110**, and the grayscale version is **23.1666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9299, 0.4663, 0.4303**, and **10.3761, 0.5158, 0.4287** is the 20% darker color. If you saturate the color by 10%, you get **26.2609, 0.4973, 0.4434**, and if you desaturate by 10%, it is **28.0799, 0.4836, 0.4458**.

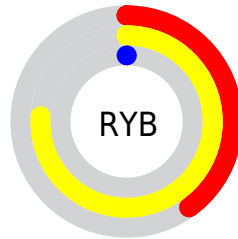
Distribution



Red (76%)

Green (49%)

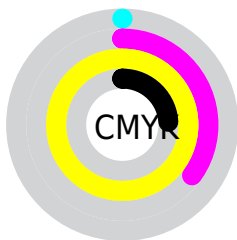
Blue (0%)



Red (40%)

Yellow (76%)

Blue (0%)

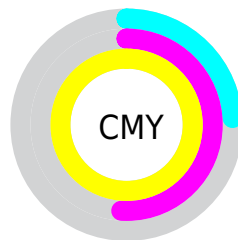


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2592, 0.4973, 0.4434 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 26.2592, 0.4973, 0.4434 by changing the saturation by 10% instead.


 26.2592, 0.4973,
0.4434


 26.2592, 0.4973,
0.4434


284.0522, 0.4057,
0.3956


 17.0177, 0.5157,
0.4485

 53.6928, 0.4664,
0.4304


 10.2471, 0.5406,
0.4545


 72.6536, 0.4539,
0.4241


 5.5631, 0.5552,
0.4448


 95.6230, 0.4430,
0.4181

 2.5813, 0.5737,
0.4263

 122.9854, 0.4335,
0.4127

 0.9173, 0.6057,
0.3943

 155.1251, 0.4252,
0.4078

 0.0000, 1.0000,
0.0000


 192.4265, 0.4179,

 0.0000, 0.0000,


0.4033


0.0000


 235.2741, 0.4115,
0.3993


 26.2592, 0.4973,
0.4434


 26.2592, 0.4973,
0.4434


 26.2609, 0.4973,
0.4434

 28.0799, 0.4836,
0.4458

 30.0636, 0.4672,
0.4439

 32.2311, 0.4481,
0.4371

 34.5933, 0.4273,
0.4260

 37.1593, 0.4059,
0.4120

■ 39.9378, 0.3847,
0.3960

■ 42.9365, 0.3645,
0.3790

■ 46.1625, 0.3456,
0.3618

■ 49.6226, 0.3283,
0.3450

Harmonies

Analogous

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



26.2592, 0.5303, 0.3671



26.2592, 0.4973, 0.4434



26.2592, 0.4177, 0.5149

Triad

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



26.2592, 0.4973, 0.4434



26.2592, 0.1582, 0.3282



26.2592, 0.2721, 0.1903

Complementary

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



26.2592, 0.4973, 0.4434



7.8621, 0.1642, 0.1110

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.



26.2592, 0.1896, 0.1716



26.2592, 0.4973, 0.4434



26.2592, 0.1343, 0.2298

Square

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



26.2592, 0.4973, 0.4434



26.2592, 0.2230, 0.4603



26.2592, 0.1452, 0.1820



26.2592, 0.3859, 0.2343

Rectangle

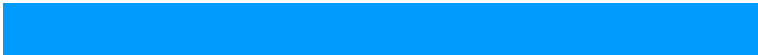
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.2592, 0.4973, 0.4434



26.2592, 0.3525, 0.5398



26.2592, 0.1452, 0.1820



26.2592, 0.2402, 0.1810

Sweetspot

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



26.2609, 0.4973, 0.4434



76.6448, 0.3654, 0.3798



11.7484, 0.5585, 0.2850



15.9445, 0.3739, 0.3870



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.2609, 0.4973, 0.4434



46.5592, 0.4988, 0.4422



46.0339, 0.3930, 0.5261



11.1507, 0.3273, 0.3440



17.6221, 0.4960, 0.4444



0.8861, 0.4748, 0.4612

Inverse Universe

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



7.8621, 0.1642, 0.1110



13.6691, 0.1634, 0.1083



4.1104, 0.1560, 0.0633



10.3070, 0.2984, 0.3135



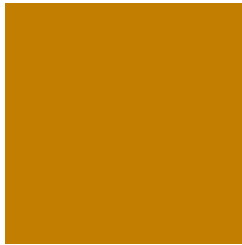
5.3657, 0.1648, 0.1133



0.3618, 0.1778, 0.1599

Previews

White Background



This preview shows how the Yxy color 26.2592, 0.4973, 0.4434 looks on a white background.

Color Contrast Check

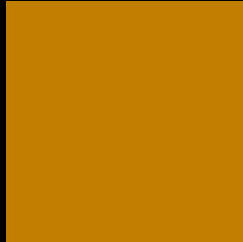
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2592, 0.4973, 0.4434 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 26.2592, 0.4973, 0.4434

Background



This preview shows how black text looks on a background with the Yxy color 26.2592, 0.4973, 0.4434.



This preview shows how white text looks on a background with the Yxy color 26.2592, 0.4973, 0.4434.

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

26.2592, 0.4973, 0.4434

Protanopia

26.4497, 0.4379, 0.4847

Deuteranopia

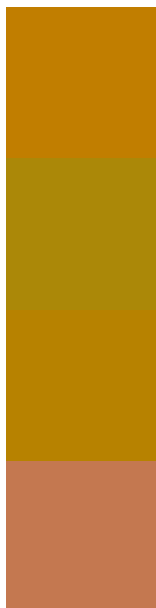
26.2400, 0.4722, 0.4633



Tritanopia

26.2347, 0.4041, 0.3173

Trichromacy



Original Color

26.2592, 0.4973, 0.4434

Protanomaly

26.2838, 0.4589, 0.4704

Deuteranomaly

26.0325, 0.4816, 0.4558

Tritanomaly

25.7479, 0.4575, 0.3809

Monochromacy



Original Color

26.2592, 0.4973, 0.4434

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.4754, 0.3943, 0.4041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2592, 0.4973, 0.4434 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(193, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 126, 0)  
}
```

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(193, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 126, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.2592, 0.4973, 0.4434 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(193, 126, 0) }
```

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

```
.border{ border-color:rgb(193, 126, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 126, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 126,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2592, 0.4973, 0.4434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 126, 0) }
```

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

```
.background{ background-color: rgb(193,  
126, 0) }
```

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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