

Converting Colors

$Y_{xy}(26.5119, 0.4927, 0.4419)$

Have a look what the booklet for
Yxy(26.5119, 0.4927, 0.4419)
contains.

Yxy(26.5453, 0.4931, 0.4414)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.5453, 0.4931, 0.4414)

Conversions

Conversions Part 1

Format	Color
Hex	C17F0D
RGB	193, 127, 13
RGB Percent	76%, 50%, 5%
CMY	0.2431, 0.5019, 0.9493
CMYK	0.00, 0.34, 0.93, 0.24
HSL	38°, 87%, 40%
HSV	38°, 93%, 76%
XYZ	29.6545, 26.5453, 3.9391
YIQ	133.7380, 75.9300, -21.4620

Conversions

Conversions Part 2

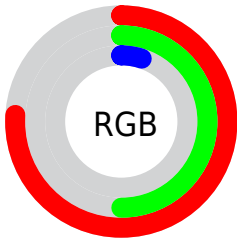
Format	Color
R_{YB}	117, 193, 13
Decimal	12680973
CIE Lab	58.55, 17.78, 62.39
CIE LCh	59, 64.873, 74.094
Yxy	26.5453, 0.4931, 0.4414
Android (android.graphics.Color)	4290871053 (0xFFC17F0D)
YUV	133.7380, -59.5238, 51.9728
Hunter-Lab	51.5221, 12.5751, 31.5325

Details

The Yxy color **26.5453, 0.4931, 0.4414** 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 **9.5175, 0.1707, 0.1291**, and the grayscale version is **23.9390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2078, 0.4619, 0.4285**, and **10.5171, 0.5137, 0.4303** is the 20% darker color. If you saturate the color by 10%, you get **25.3218, 0.5026, 0.4391**, and if you desaturate by 10%, it is **28.5153, 0.4769, 0.4416**.

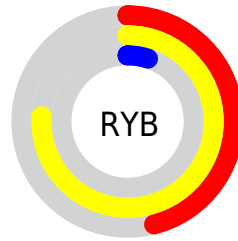
Distribution



Red (76%)

Green (50%)

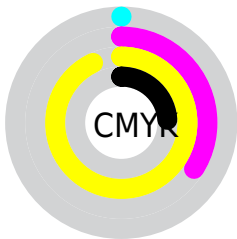
Blue (5%)



Red (46%)

Yellow (76%)

Blue (5%)

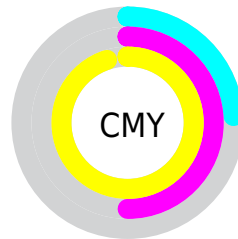


Cyan (0%)

Magenta (34%)

Yellow (93%)

Black (24%)



Cyan (24%)


Magenta (50%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5453, 0.4931, 0.4414 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 26.5453, 0.4931, 0.4414 by changing the saturation by 10% instead.


 26.5453, 0.4931,
0.4414


 26.5453, 0.4931,
0.4414


285.4488, 0.4030,
0.3936


 17.2320, 0.5117,
0.4470


 54.1534, 0.4624,
0.4280


 10.4001, 0.5352,
0.4524


 73.2169, 0.4500,
0.4216


 5.6650, 0.5535,
0.4465

 96.2994, 0.4394,
0.4157

 2.6425, 0.5714,
0.4286

 123.7851, 0.4301,
0.4104

 0.9481, 0.6023,
0.3977

 156.0585, 0.4220,
0.4055

 0.0000, 1.0000,
0.0000

 193.5040, 0.4148,

 0.0000, 0.0000,

0.4011

0.0000

236.5059, 0.4085,
0.3972

26.5453, 0.4931,
0.4414

26.5453, 0.4931,
0.4414

25.3218, 0.5026,
0.4391

28.5153, 0.4769,
0.4416

30.6763, 0.4577,
0.4367

33.0414, 0.4365,
0.4273

35.6209, 0.4144,
0.4145

38.4238, 0.3925,
0.3994

■ 41.4584, 0.3715,
0.3831

■ 44.7325, 0.3519,
0.3664

■ 48.2532, 0.3339,
0.3499

■ 52.0273, 0.3177,
0.3340

Harmonies

Analogous

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



26.5453, 0.5237, 0.3671



26.5453, 0.4931, 0.4414



26.5453, 0.4165, 0.5097

Triad

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



26.5453, 0.4931, 0.4414



26.5453, 0.1628, 0.3294



26.5453, 0.2730, 0.1937

Complementary

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



26.5453, 0.4931, 0.4414



9.5175, 0.1707, 0.1291

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.



26.5453, 0.1927, 0.1756



26.5453, 0.4931, 0.4414



26.5453, 0.1388, 0.2336

Square

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



26.5453, 0.4931, 0.4414



26.5453, 0.2267, 0.4558



26.5453, 0.1492, 0.1862



26.5453, 0.3831, 0.2367

Rectangle

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



26.5453, 0.4931, 0.4414



26.5453, 0.3531, 0.5326



26.5453, 0.1492, 0.1862



26.5453, 0.2421, 0.1847

Sweetspot

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



26.5467, 0.4931, 0.4414



77.0461, 0.3618, 0.3749



12.1878, 0.5323, 0.2755



15.9910, 0.3705, 0.3822



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.



26.5467, 0.4931, 0.4414



44.8647, 0.5042, 0.4378



46.6039, 0.3962, 0.5201



11.1175, 0.3273, 0.3436



16.9983, 0.5013, 0.4402



0.8621, 0.4785, 0.4583

Inverse Universe

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



9.5175, 0.1707, 0.1291



14.4795, 0.1649, 0.1135



4.5288, 0.1600, 0.0688



10.3390, 0.2984, 0.3140



5.6765, 0.1663, 0.1186



0.3772, 0.1791, 0.1649

Previews

White Background



This preview shows how the Yxy color 26.5453, 0.4931, 0.4414 looks on a white background.

Color Contrast Check

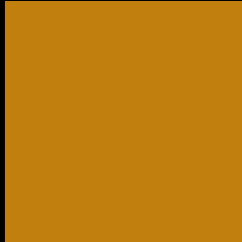
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5453, 0.4931, 0.4414 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 26.5453, 0.4931, 0.4414

Background



This preview shows how black text looks on a background with the Yxy color 26.5453, 0.4931, 0.4414.



This preview shows how white text looks on a background with the Yxy color 26.5453, 0.4931, 0.4414.

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

26.5453, 0.4931, 0.4414

Protanopia

26.7606, 0.4354, 0.4838

Deuteranopia

26.6339, 0.4719, 0.4635



Tritanopia

26.4949, 0.4023, 0.3172

Trichromacy



Original Color

26.5453, 0.4931, 0.4414

Protanomaly

26.5867, 0.4558, 0.4691

Deuteranomaly

26.4339, 0.4802, 0.4548

Tritanomaly

26.0824, 0.4498, 0.3750

Monochromacy



Original Color

26.5453, 0.4931, 0.4414

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.9393, 0.3882, 0.3959

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5453, 0.4931, 0.4414 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, 127, 13)` looks like.

```
.text, #text, p{  
    color:rgb(193, 127, 13)  
}
```

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, 127, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 127, 13) }
```

Border

The CSS property to change the border of an element to Yxy 26.5453, 0.4931, 0.4414 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, 127, 13) }
```

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

```
.border{ border-color:rgb(193, 127, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 127, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 127, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 127, 13);  
box-shadow:4px 4px 4px 4px rgb(193, 127,  
13) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5453, 0.4931, 0.4414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 127, 13) }
```

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

```
.background{ background-color: rgb(193,  
127, 13) }
```

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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