

Converting Colors

$Y_{xy}(19.0623, 0.4480, 0.4745)$

Have a look what the booklet for
Yxy(19.0623, 0.4480, 0.4745)
contains.

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Color

Yxy(19.0623, 0.4480, 0.4745)

Conversions

Conversions Part 1

Format	Color
Hex	8F770D
RGB	143, 119, 13
RGB Percent	56%, 47%, 5%
CMY	0.4392, 0.5333, 0.9488
CMYK	0.00, 0.17, 0.91, 0.44
HSL	49°, 83%, 31%
HSV	49°, 91%, 56%
XYZ	17.9977, 19.0623, 3.1134
YIQ	114.0920, 48.3300, -27.8780

Conversions

Conversions Part 2

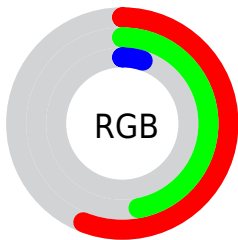
Format	Color
R_{YB}	42, 143, 13
Decimal	9402125
CIE Lab	50.76, -0.64, 53.94
CIE LCh	51, 53.949, 90.679
Yxy	19.0623, 0.4480, 0.4745
Android (android.graphics.Color)	4287592205 (0xFF8F770D)
YUV	114.0920, -49.8384, 25.3523
Hunter-Lab	43.6604, -2.8244, 26.3343

Details

The Yxy color **19.0623, 0.4480, 0.4745** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.3962, 0.1630, 0.0956**, and the grayscale version is **17.0005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8601, 0.4234, 0.4485**, and **6.6303, 0.4569, 0.4754** is the 20% darker color. If you saturate the color by 10%, you get **18.4670, 0.4553, 0.4767**, and if you desaturate by 10%, it is **19.7523, 0.4382, 0.4692**.

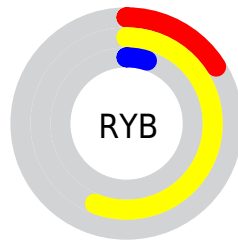
Distribution



Red (56%)

Green (47%)

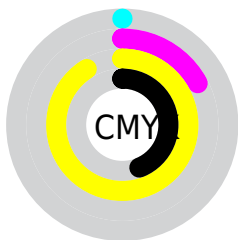
Blue (5%)



Red (16%)

Yellow (56%)

Blue (5%)

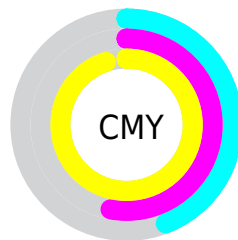


Cyan (0%)

Magenta (17%)

Yellow (91%)

Black (44%)



Cyan (44%)

Magenta (53%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0623, 0.4480, 0.4745 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 19.0623, 0.4480, 0.4745 by changing the saturation by 10% instead.


 19.0623, 0.4480,
0.4745


 19.0623, 0.4480,
0.4745


246.7925, 0.3782,
0.3990


 11.7153, 0.4619,
0.4898


 41.8393, 0.4240,
0.4484


 6.5501, 0.4849,
0.5151


 58.0382, 0.4143,
0.4379

 3.1824, 0.4843,
0.5157

 77.9564, 0.4060,
0.4290

 1.2277, 0.4831,
0.5169

 101.9785, 0.3988,
0.4212


 0.0841, 0.4334,
0.5666

 130.4887, 0.3926,
0.4145

 0.0000, 0.0000,
0.0000


 163.8715, 0.3872,

0.4087

 202.5113, 0.3824,
0.4036

 19.0623, 0.4480,
0.4745


 19.0623, 0.4480,
0.4745


 18.4670, 0.4553,
0.4767

 19.7523, 0.4382,
0.4692

 20.4913, 0.4257,
0.4596

 21.2845, 0.4112,
0.4461

 22.1356, 0.3952,
0.4295

 23.0478, 0.3784,
0.4108

■ 24.0240, 0.3614,
0.3908

■ 25.0668, 0.3448,
0.3704

■ 26.1789, 0.3289,
0.3502

■ 27.3625, 0.3140,
0.3306

Harmonies

Analogous

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



19.0623, 0.5024, 0.4061



19.0623, 0.4480, 0.4745



19.0623, 0.3634, 0.5169

Triad

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



19.0623, 0.4480, 0.4745



19.0623, 0.1544, 0.2753



19.0623, 0.3311, 0.2212

Complementary

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



19.0623, 0.4480, 0.4745



3.3962, 0.1630, 0.0956

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.



19.0623, 0.2378, 0.1902



19.0623, 0.4480, 0.4745



19.0623, 0.1497, 0.2103

Square

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



19.0623, 0.4480, 0.4745



19.0623, 0.1948, 0.3821



19.0623, 0.1770, 0.1850



19.0623, 0.4346, 0.2731

Rectangle

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



19.0623, 0.4480, 0.4745



19.0623, 0.3012, 0.5070



19.0623, 0.1770, 0.1850



19.0623, 0.2971, 0.2082

Sweetspot

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



19.0632, 0.4480, 0.4745



43.6242, 0.3558, 0.3841



6.2760, 0.5740, 0.3043



9.8773, 0.3609, 0.3902



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



19.0632, 0.4480, 0.4745



32.8395, 0.4562, 0.4760



22.6189, 0.3703, 0.5366



6.1184, 0.3263, 0.3468



16.3559, 0.4551, 0.4768



0.1848, 0.4356, 0.4923

Inverse Universe

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



3.3962, 0.1630, 0.0956



4.7175, 0.1548, 0.0772



3.0039, 0.1824, 0.0840



5.4062, 0.2990, 0.3105



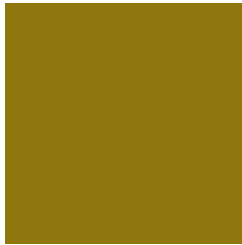
2.4471, 0.1557, 0.0806



0.0474, 0.1732, 0.1435

Previews

White Background



This preview shows how the Yxy color 19.0623, 0.4480, 0.4745 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 19.0623, 0.4480, 0.4745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

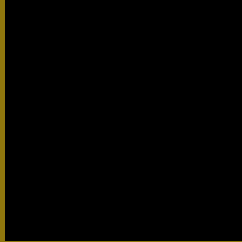
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0623, 0.4480, 0.4745

Background



This preview shows how black text looks on a background with the Yxy color 19.0623, 0.4480, 0.4745.



This preview shows how white text looks on a background with the Yxy color 19.0623, 0.4480, 0.4745.

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

19.0623, 0.4480, 0.4745

Protanopia

19.0248, 0.4370, 0.4824

Deuteranopia

19.0742, 0.4652, 0.4581



Tritanopia

19.0903, 0.3538, 0.3155

Trichromacy



Original Color

19.0623, 0.4480, 0.4745

Protanomaly

18.9536, 0.4410, 0.4792

Deuteranomaly

18.9178, 0.4591, 0.4636

Tritanomaly

18.8169, 0.4019, 0.3879

Monochromacy



Original Color

19.0623, 0.4480, 0.4745

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

17.3866, 0.3734, 0.4047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0623, 0.4480, 0.4745 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(143, 119, 13)` looks like.

```
.text, #text, p{  
    color:rgb(143, 119, 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(143, 119, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 119, 13) }
```

Border

The CSS property to change the border of an element to Yxy 19.0623, 0.4480, 0.4745 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(143, 119, 13) }
```

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

```
.border{ border-color:rgb(143, 119, 13) }
```

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

Here you see how a box with a 4 pixel rgb(143, 119, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 119, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 119, 13);  
box-shadow:4px 4px 4px 4px rgb(143, 119,  
13) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0623, 0.4480, 0.4745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 119, 13) }
```

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

```
.background{ background-color: rgb(143,  
119, 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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