

Converting Colors

$Y_{xy}(19.1254, 0.4251, 0.4459)$

Have a look what the booklet for
Yxy(19.1254, 0.4251, 0.4459)
contains.

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Color

Yxy(19.1578, 0.4255, 0.4458)

Conversions

Conversions Part 1

Format	Color
Hex	8E7730
RGB	142, 119, 48
RGB Percent	56%, 47%, 19%
CMY	0.4431, 0.5333, 0.8117
CMYK	0.00, 0.16, 0.66, 0.44
HSL	45°, 49%, 37%
HSV	45°, 66%, 56%
XYZ	18.2854, 19.1578, 5.5308
YIQ	117.7830, 36.4990, -17.2050

Conversions

Conversions Part 2

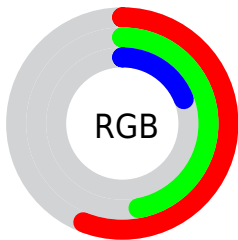
Format	Color
R_{YB}	78, 142, 48
Decimal	9336624
CIE _{Lab}	50.87, 0.40, 41.23
CIE _{LCh}	51, 41.228, 89.440
Yxy	19.1578, 0.4255, 0.4458
Android (android.graphics.Color)	4287526704 (0xFF8E7730)
YUV	117.7830, -34.4030, 21.2383
Hunter-Lab	43.7696, -2.0257, 23.1468

Details

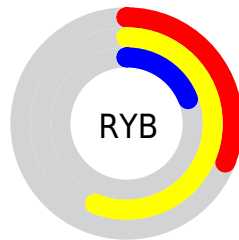
The Yxy color **19.1578, 0.4255, 0.4458** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.0877, 0.1991, 0.1689**, and the grayscale version is **18.1469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9947, 0.4029, 0.4229**, and **6.6303, 0.4569, 0.4754** is the 20% darker color. If you saturate the color by 10%, you get **18.2478, 0.4411, 0.4565**, and if you desaturate by 10%, it is **20.1374, 0.4083, 0.4316**.

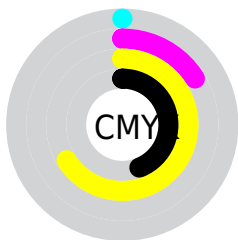
Distribution



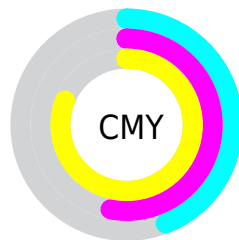
- Red (56%)
- Green (47%)
- Blue (19%)



- Red (31%)
- Yellow (56%)
- Blue (19%)



- Cyan (0%)
- Magenta (16%)
- Yellow (66%)
- Black (44%)





- Cyan (44%)
- Magenta (53%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1578, 0.4255, 0.4458 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 19.1578, 0.4255, 0.4458 by changing the saturation by 10% instead.


 19.1578, 0.4255,
0.4458


 19.1578, 0.4255,
0.4458


247.3185, 0.3641,
0.3824


 11.7844, 0.4408,
0.4614


 42.0006, 0.4027,
0.4223


 6.5970, 0.4590,
0.4800


 58.2387, 0.3942,
0.4135

 3.2114, 0.4892,
0.5108

 78.2005, 0.3870,
0.4061


 1.2431, 0.4899,
0.5101

 102.2704, 0.3810,
0.3999

 0.0965, 0.5128,
0.4872

 130.8327, 0.3758,
0.3946

 0.0000, 0.0000,
0.0000

 164.2719, 0.3714,

0.3899

202.9724, 0.3675,
0.3859

■ 19.1578, 0.4255,
0.4458

■ 19.1578, 0.4255,
0.4458

■ 18.2478, 0.4411,
0.4565

■ 20.1374, 0.4083,
0.4316

■ 17.4006, 0.4544,
0.4630

■ 21.1874, 0.3902,
0.4149

■ 16.6110, 0.4652,
0.4652

■ 22.3119, 0.3721,
0.3966

■ 16.3205, 0.4691,
0.4657

■ 23.5139, 0.3544,
0.3776

■ 24.7961, 0.3376,
0.3586

■ 26.1610, 0.3218,
0.3401

■ 27.6110, 0.3074,
0.3224

■ 29.1485, 0.2941,
0.3057

■ 30.7755, 0.2822,
0.2902

Harmonies

Analogous

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



19.1578, 0.4630, 0.3946



19.1578, 0.4255, 0.4458



19.1578, 0.3604, 0.4719

Triad

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



19.1578, 0.4255, 0.4458



19.1578, 0.1871, 0.2935



19.1578, 0.3250, 0.2413

Complementary

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



19.1578, 0.4255, 0.4458



7.0877, 0.1991, 0.1689

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.



19.1578, 0.2522, 0.2164



19.1578, 0.4255, 0.4458



19.1578, 0.1807, 0.2384

Square

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



19.1578, 0.4255, 0.4458



19.1578, 0.2236, 0.3737



19.1578, 0.2026, 0.2141



19.1578, 0.4033, 0.2841

Rectangle

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



19.1578, 0.4255, 0.4458



19.1578, 0.3108, 0.4618



19.1578, 0.2026, 0.2141



19.1578, 0.2989, 0.2307

Sweetspot

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



19.1587, 0.4255, 0.4458



42.7550, 0.3445, 0.3666



8.3263, 0.4667, 0.2907



9.4256, 0.3487, 0.3713



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



19.1587, 0.4255, 0.4458



31.5015, 0.4474, 0.4600



23.4453, 0.3730, 0.4928



6.0650, 0.3264, 0.3455



14.6835, 0.4689, 0.4659



0.1748, 0.4418, 0.4874

Inverse Universe

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



7.0877, 0.1991, 0.1689



8.7693, 0.1777, 0.1312



5.4260, 0.2134, 0.1350



5.4560, 0.2990, 0.3119



2.8446, 0.1588, 0.0916



0.0574, 0.1793, 0.1653

Previews

White Background



This preview shows how the Yxy color 19.1578, 0.4255, 0.4458 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 19.1578, 0.4255, 0.4458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

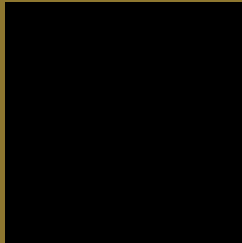
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1578, 0.4255, 0.4458

Background



This preview shows how black text looks on a background with the Yxy color 19.1578, 0.4255, 0.4458.



This preview shows how white text looks on a background with the Yxy color 19.1578, 0.4255, 0.4458.

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

19.1578, 0.4255, 0.4458

Protanopia

19.2917, 0.4119, 0.4539

Deuteranopia

19.0625, 0.4413, 0.4325



Tritanopia

19.2403, 0.3508, 0.3155

Trichromacy



Original Color

19.1578, 0.4255, 0.4458

Protanomaly

19.2998, 0.4170, 0.4503

Deuteranomaly

19.0084, 0.4361, 0.4360

Tritanomaly

19.1806, 0.3816, 0.3659

Monochromacy



Original Color

19.1578, 0.4255, 0.4458

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

18.2592, 0.3552, 0.3770

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1578, 0.4255, 0.4458 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(142, 119, 48)` looks like.

```
.text, #text, p{  
    color:rgb(142, 119, 48)  
}
```

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(142, 119, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 119, 48) }
```

Border

The CSS property to change the border of an element to Yxy 19.1578, 0.4255, 0.4458 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(142, 119, 48) }
```

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

```
.border{ border-color:rgb(142, 119, 48) }
```

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

Here you see how a box with a 4 pixel rgb(142, 119, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 119, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 119, 48);  
box-shadow:4px 4px 4px 4px rgb(142, 119,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1578, 0.4255, 0.4458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 119, 48) }
```

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

```
.background{ background-color: rgb(142,  
119, 48) }
```

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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