

Converting Colors

$Y_{xy}(17.8863, 0.4462, 0.3965)$

Have a look what the booklet for
Yxy(17.8863, 0.4462, 0.3965)
contains.

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Color

Yxy(17.9361, 0.4459, 0.3969)

Conversions

Conversions Part 1

Format	Color
Hex	9E6A3F
RGB	158, 106, 63
RGB Percent	62%, 42%, 25%
CMY	0.3804, 0.5843, 0.7529
CMYK	0.00, 0.33, 0.60, 0.38
HSL	27°, 43%, 43%
HSV	27°, 60%, 62%
XYZ	20.1504, 17.9361, 7.1039
YIQ	116.6460, 44.7950, -2.3490

Conversions

Conversions Part 2

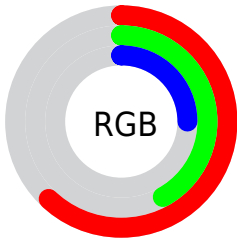
Format	Color
R_{YB}	158, 142, 63
Decimal	10381887
CIE _{Lab}	49.42, 16.16, 32.28
CIE _{LCh}	49, 36.096, 63.400
Yxy	17.9361, 0.4459, 0.3969
Android (android.graphics.Color)	4288571967 (0xFF9E6A3F)
YUV	116.6460, -26.4475, 36.2675
Hunter-Lab	42.3510, 10.8152, 19.7004

Details

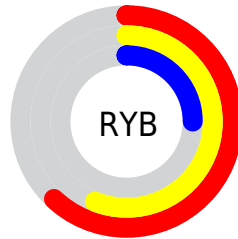
The Yxy color **17.9361, 0.4459, 0.3969** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.7845, 0.2216, 0.2437**, and the grayscale version is **17.7476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7309, 0.4156, 0.3840**, and **5.9501, 0.4986, 0.4116** is the 20% darker color. If you saturate the color by 10%, you get **16.0916, 0.4750, 0.4039**, and if you desaturate by 10%, it is **20.0128, 0.4177, 0.3872**.

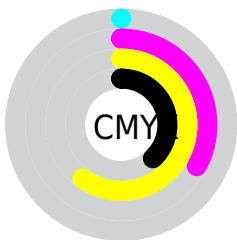
Distribution



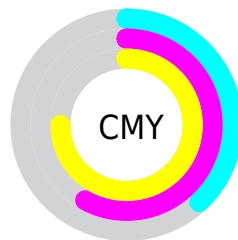
- Red (62%)
- Green (42%)
- Blue (25%)



- Red (62%)
- Yellow (56%)
- Blue (25%)



- Cyan (0%)
- Magenta (33%)
- Yellow (60%)
- Black (38%)





- Cyan (38%)
- Magenta (58%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9361, 0.4459, 0.3969 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 17.9361, 0.4459, 0.3969 by changing the saturation by 10% instead.


 17.9361, 0.4459,
0.3969

 17.9361, 0.4459,
0.3969


240.5106, 0.3697,
0.3621

 10.9041, 0.4678,
0.4044


 39.9284, 0.4159,
0.3847


 6.0024, 0.4968,
0.4120


 55.6575, 0.4053,
0.3799


 2.8465, 0.5553,
0.4320


 75.0545, 0.3966,
0.3758

 1.0521, 0.5895,
0.4105

 98.5037, 0.3894,
0.3722

 0.0000, 1.0000,
0.0000

 126.3895, 0.3833,
0.3692

 0.0000, 0.0000,
0.0000

 159.0963, 0.3781,

0.3665

197.0086, 0.3736,
0.3642

■ 17.9361, 0.4459,
0.3969

■ 17.9361, 0.4459,
0.3969

■ 16.0916, 0.4750,
0.4039

■ 20.0128, 0.4177,
0.3872

■ 14.4668, 0.5036,
0.4070

■ 22.3281, 0.3916,
0.3758

■ 13.0519, 0.5297,
0.4052

■ 24.8912, 0.3680,
0.3638

■ 11.8416, 0.5526,
0.3994

■ 27.7101, 0.3471,
0.3518

■ 30.7924, 0.3288,
0.3401

■ 34.1452, 0.3129,
0.3291

■ 37.7754, 0.2991,
0.3188

■ 41.6897, 0.2871,
0.3094

■ 45.8944, 0.2767,
0.3006

Harmonies

Analogous

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



17.9361, 0.4448, 0.3451



17.9361, 0.4459, 0.3969



17.9361, 0.4089, 0.4401

Triad

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



17.9361, 0.4459, 0.3969



17.9361, 0.2266, 0.3594



17.9361, 0.2661, 0.2282

Complementary

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



17.9361, 0.4459, 0.3969



15.7845, 0.2216, 0.2437

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.



17.9361, 0.2173, 0.2235



17.9361, 0.4459, 0.3969



17.9361, 0.1963, 0.2900

Square

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



17.9361, 0.4459, 0.3969



17.9361, 0.2815, 0.4265



17.9361, 0.1936, 0.2431



17.9361, 0.3337, 0.2536

Rectangle

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



17.9361, 0.4459, 0.3969



17.9361, 0.3700, 0.4553



17.9361, 0.1936, 0.2431



17.9361, 0.2473, 0.2242

Sweetspot

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



17.9370, 0.4459, 0.3969



51.2825, 0.3437, 0.3497



12.0677, 0.3900, 0.2479



11.2262, 0.3491, 0.3530



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



17.9370, 0.4459, 0.3969



28.2126, 0.4846, 0.4055



30.4880, 0.3997, 0.4612



7.1160, 0.3273, 0.3392



9.5622, 0.5513, 0.4005



0.2545, 0.4895, 0.4495

Inverse Universe

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



15.7845, 0.2216, 0.2437



23.9073, 0.2051, 0.2207



7.6305, 0.2007, 0.1491



7.0066, 0.2988, 0.3186



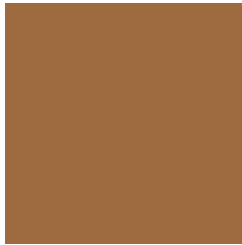
7.4474, 0.1825, 0.1770



0.2171, 0.2010, 0.2434

Previews

White Background



This preview shows how the Yxy color 17.9361, 0.4459, 0.3969 looks on a white 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

Black Background



This preview shows how the Yxy color 17.9361, 0.4459, 0.3969 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 17.9361, 0.4459, 0.3969

Background



This preview shows how black text looks on a background with the Yxy color 17.9361, 0.4459, 0.3969.



This preview shows how white text looks on a background with the Yxy color 17.9361, 0.4459, 0.3969.

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

17.9361, 0.4459, 0.3969

Protanopia

18.0292, 0.3894, 0.4243

Deuteranopia

17.9559, 0.4231, 0.4142



Tritanopia

17.9671, 0.3903, 0.3179

Trichromacy



Original Color

17.9361, 0.4459, 0.3969

Protanomaly

18.0034, 0.4095, 0.4138

Deuteranomaly

17.9837, 0.4320, 0.4084

Tritanomaly

17.9468, 0.4116, 0.3472

Monochromacy



Original Color

17.9361, 0.4459, 0.3969

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.5789, 0.3592, 0.3592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9361, 0.4459, 0.3969 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(158, 106, 63)` looks like.

```
.text, #text, p{  
    color:rgb(158, 106, 63)  
}
```

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(158, 106, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 106, 63) }
```

Border

The CSS property to change the border of an element to Yxy 17.9361, 0.4459, 0.3969 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(158, 106, 63) }
```

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

```
.border{ border-color:rgb(158, 106, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 106, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 106, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 106, 63);  
box-shadow:4px 4px 4px 4px rgb(158, 106,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9361, 0.4459, 0.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 106, 63) }
```

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

```
.background{ background-color: rgb(158,  
106, 63) }
```

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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