

Converting Colors

$Y_{xy}(19.2155, 0.4368, 0.4089)$

Have a look what the booklet for
Yxy(19.2155, 0.4368, 0.4089)
contains.

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Color

Yxy(19.2260, 0.4368, 0.4099)

Conversions

Conversions Part 1

Format	Color
Hex	9C713E
RGB	156, 113, 62
RGB Percent	61%, 44%, 24%
CMY	0.3882, 0.5569, 0.7568
CMYK	0.00, 0.28, 0.60, 0.39
HSL	33°, 43%, 43%
HSV	33°, 60%, 61%
XYZ	20.4877, 19.2260, 7.1904
YIQ	120.0430, 41.9990, -6.7450

Conversions

Conversions Part 2

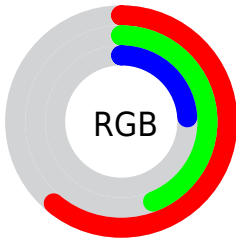
Format	Color
R_{YB}	141, 156, 62
Decimal	10252606
CIE _{Lab}	50.95, 11.21, 34.59
CIE _{LCh}	51, 36.364, 72.040
Yxy	19.2260, 0.4368, 0.4099
Android (android.graphics.Color)	4288442686 (0xFF9C713E)
YUV	120.0430, -28.6152, 31.5343
Hunter-Lab	43.8475, 6.6710, 20.9705

Details

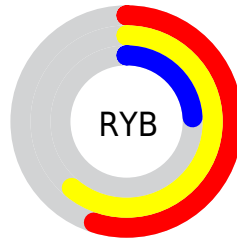
The Yxy color **19.2260, 0.4368, 0.4099** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.5358, 0.2175, 0.2257**, and the grayscale version is **18.8812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2041, 0.4096, 0.3950**, and **6.5818, 0.4812, 0.4313** is the 20% darker color. If you saturate the color by 10%, you get **17.5485, 0.4619, 0.4188**, and if you desaturate by 10%, it is **21.0799, 0.4119, 0.3982**.

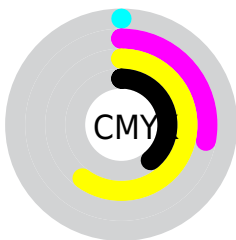
Distribution



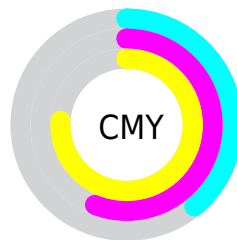
- Red (61%)
- Green (44%)
- Blue (24%)



- Red (55%)
- Yellow (61%)
- Blue (24%)



- Cyan (0%)
- Magenta (28%)
- Yellow (60%)
- Black (39%)





- Cyan (39%)
- Magenta (56%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2260, 0.4368, 0.4099 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 19.2260, 0.4368, 0.4099 by changing the saturation by 10% instead.


 19.2260, 0.4368,
0.4099


 19.2260, 0.4368,
0.4099


247.6936, 0.3670,
0.3675

 11.8337, 0.4561,
0.4197


 42.1156, 0.4098,
0.3946

 6.6305, 0.4812,
0.4307


 58.3818, 0.4001,
0.3888


 3.2321, 0.5302,
0.4548

 78.3746, 0.3921,
0.3838

 1.2541, 0.5562,
0.4438

 102.4786, 0.3854,
0.3796

 0.1052, 0.7803,
0.2197

 131.0781, 0.3797,
0.3759

 0.0000, 0.0000,
0.0000

 164.5575, 0.3749,

0.3728

203.3012, 0.3707,
0.3700

■ 19.2260, 0.4368,
0.4099

■ 19.2260, 0.4368,
0.4099

■ 17.5485, 0.4619,
0.4188

■ 21.0799, 0.4119,
0.3982

■ 16.0374, 0.4861,
0.4238

■ 23.1141, 0.3882,
0.3847

■ 14.6856, 0.5078,
0.4239

■ 25.3355, 0.3663,
0.3706

■ 13.5062, 0.5266,
0.4201

■ 27.7499, 0.3465,
0.3563

■ 30.3629, 0.3288,
0.3425

■ 33.1796, 0.3131,
0.3293

■ 36.2049, 0.2993,
0.3170

■ 39.4437, 0.2871,
0.3056

■ 42.9005, 0.2765,
0.2950

Harmonies

Analogous

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



19.2260, 0.4475, 0.3600



19.2260, 0.4368, 0.4099



19.2260, 0.3921, 0.4468

Triad

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



19.2260, 0.4368, 0.4099



19.2260, 0.2165, 0.3380



19.2260, 0.2846, 0.2349

Complementary

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



19.2260, 0.4368, 0.4099



13.5358, 0.2175, 0.2257

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.



19.2260, 0.2301, 0.2240



19.2260, 0.4368, 0.4099



19.2260, 0.1944, 0.2746

Square

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



19.2260, 0.4368, 0.4099



19.2260, 0.2646, 0.4083



19.2260, 0.1993, 0.2362



19.2260, 0.3538, 0.2651

Rectangle

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



19.2260, 0.4368, 0.4099



19.2260, 0.3509, 0.4543



19.2260, 0.1993, 0.2362



19.2260, 0.2642, 0.2289

Sweetspot

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



19.2269, 0.4368, 0.4099



51.2611, 0.3430, 0.3537



11.5546, 0.4055, 0.2598



11.0051, 0.3481, 0.3575



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



19.2269, 0.4368, 0.4099



30.9627, 0.4698, 0.4209



30.8916, 0.3925, 0.4686



7.2122, 0.3271, 0.3411



11.1923, 0.5256, 0.4209



0.2842, 0.4742, 0.4616

Inverse Universe

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



13.5358, 0.2175, 0.2257



19.7338, 0.1995, 0.1984



6.9765, 0.2016, 0.1419



6.9104, 0.2988, 0.3166



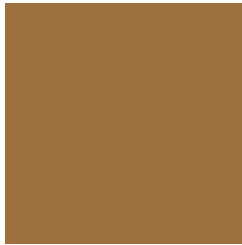
5.7984, 0.1743, 0.1475



0.1874, 0.1951, 0.2224

Previews

White Background



This preview shows how the Yxy color 19.2260, 0.4368, 0.4099 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 19.2260, 0.4368, 0.4099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

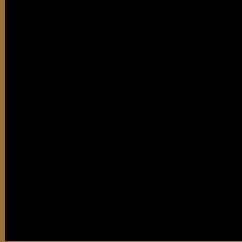
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2260, 0.4368, 0.4099

Background



This preview shows how black text looks on a background with the Yxy color 19.2260, 0.4368, 0.4099.



This preview shows how white text looks on a background with the Yxy color 19.2260, 0.4368, 0.4099.

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

19.2260, 0.4368, 0.4099

Protanopia

19.3691, 0.3951, 0.4312

Deuteranopia

19.3117, 0.4267, 0.4191



Tritanopia

19.2268, 0.3758, 0.3162

Trichromacy



Original Color

19.2260, 0.4368, 0.4099

Protanomaly

19.3146, 0.4097, 0.4237

Deuteranomaly

19.2738, 0.4305, 0.4165

Tritanomaly

19.1527, 0.4004, 0.3505

Monochromacy



Original Color

19.2260, 0.4368, 0.4099

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.6100, 0.3563, 0.3626

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2260, 0.4368, 0.4099 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(156, 113, 62)` looks like.

```
.text, #text, p{  
    color:rgb(156, 113, 62)  
}
```

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(156, 113, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 113, 62) }
```

Border

The CSS property to change the border of an element to Yxy 19.2260, 0.4368, 0.4099 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(156, 113, 62) }
```

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

```
.border{ border-color:rgb(156, 113, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 113, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 113, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 113, 62);  
box-shadow:4px 4px 4px 4px rgb(156, 113,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2260, 0.4368, 0.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 113, 62) }
```

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

```
.background{ background-color: rgb(156,  
113, 62) }
```

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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