

Converting Colors

$Y_{xy}(19.4626, 0.4176, 0.3576)$

Have a look what the booklet for
Yxy(19.4626, 0.4176, 0.3576)
contains.

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Color

Yxy(19.4626, 0.4176, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	A56C5A
RGB	165, 108, 90
RGB Percent	65%, 42%, 35%
CMY	0.3529, 0.5765, 0.6470
CMYK	0.00, 0.35, 0.45, 0.35
HSL	14°, 29%, 50%
HSV	14°, 45%, 65%
XYZ	22.7281, 19.4626, 12.2349
YIQ	122.9910, 39.7500, 6.4860

Conversions

Conversions Part 2

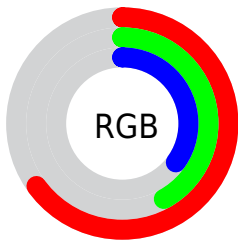
Format	Color
R_{YB}	165, 114, 90
Decimal	10841178
CIE _{Lab}	51.22, 20.59, 19.39
CIE _{LCh}	51, 28.282, 43.290
Yxy	19.4626, 0.4176, 0.3576
Android (android.graphics.Color)	4289031258 (0xFFA56C5A)
YUV	122.9910, -16.2646, 36.8419
Hunter-Lab	44.1164, 14.7568, 14.4385

Details

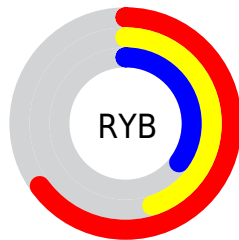
The Yxy color **19.4626, 0.4176, 0.3576** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7708, 0.2475, 0.2973**, and the grayscale version is **19.8498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5647, 0.3935, 0.3532**, and **6.7931, 0.4623, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **16.7545, 0.4522, 0.3630**, and if you desaturate by 10%, it is **22.6159, 0.3873, 0.3513**.

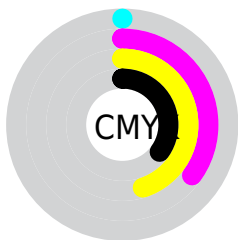
Distribution



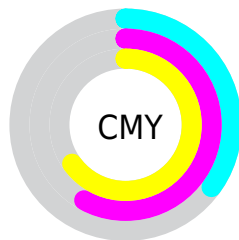
- Red (65%)
- Green (42%)
- Blue (35%)



- Red (65%)
- Yellow (45%)
- Blue (35%)



- Cyan (0%)
- Magenta (35%)
- Yellow (45%)
- Black (35%)





- Cyan (35%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4626, 0.4176, 0.3576 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 19.4626, 0.4176, 0.3576 by changing the saturation by 10% instead.


 19.4626, 0.4176,
0.3576

 19.4626, 0.4176,
0.3576


248.9908, 0.3572,
0.3435

 12.0050, 0.4359,
0.3605


 42.5143, 0.3934,
0.3527


 6.7471, 0.4614,
0.3636


 58.8773, 0.3850,
0.3508

 3.3044, 0.4991,
0.3656

 78.9775, 0.3782,
0.3492

 1.2927, 0.6069,
0.3931

 103.1993, 0.3726,
0.3477

 0.1355, 0.8233,
0.1767

 131.9271, 0.3678,
0.3465

 0.0000, 0.0000,
0.0000

165.5454, 0.3637,

0.3453

204.4385, 0.3602,
0.3444

■ 19.4626, 0.4176,
0.3576

■ 19.4626, 0.4176,
0.3576

■ 16.7545, 0.4522,
0.3630

■ 22.6159, 0.3873,
0.3513

■ 14.4683, 0.4903,
0.3667

■ 26.2304, 0.3614,
0.3447

■ 12.5829, 0.5294,
0.3676


■ 30.3251, 0.3396,
0.3383


■ 11.0742, 0.5662,
0.3648

■ 34.9168, 0.3214,
0.3322

■ 9.9146, 0.5964,
0.3581

■ 40.0216, 0.3061,
0.3265

 9.4890, 0.6085,
0.3550

 45.6549, 0.2934,
0.3212

 51.8313, 0.2827,
0.3165

 58.5651, 0.2737,
0.3121

 65.8697, 0.2660,
0.3082

Harmonies

Analogous

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



19.4626, 0.3945, 0.3161



19.4626, 0.4176, 0.3576



19.4626, 0.4094, 0.3964

Triad

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



19.4626, 0.4176, 0.3576



19.4626, 0.2741, 0.3871



19.4626, 0.2490, 0.2451

Complementary

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



19.4626, 0.4176, 0.3576



25.7708, 0.2475, 0.2973

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.



19.4626, 0.2228, 0.2553



19.4626, 0.4176, 0.3576



19.4626, 0.2359, 0.3348

Square

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



19.4626, 0.4176, 0.3576



19.4626, 0.3247, 0.4206



19.4626, 0.2181, 0.2862



19.4626, 0.2935, 0.2543

Rectangle

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



19.4626, 0.4176, 0.3576



19.4626, 0.3885, 0.4157



19.4626, 0.2181, 0.2862



19.4626, 0.2380, 0.2463

Sweetspot

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



19.4636, 0.4176, 0.3576



55.2324, 0.3372, 0.3375



17.4389, 0.3409, 0.2428



11.7255, 0.3413, 0.3388



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



19.4636, 0.4176, 0.3576



29.7520, 0.4543, 0.3633



28.9954, 0.3910, 0.4124



7.3489, 0.3279, 0.3345



7.2444, 0.6068, 0.3564



0.2200, 0.5426, 0.4074

Inverse Universe

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



25.7708, 0.2475, 0.2973



42.4738, 0.2349, 0.2886



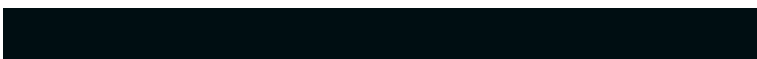
16.0469, 0.2354, 0.2277



7.7222, 0.2987, 0.3235



13.3167, 0.2031, 0.2512



0.3458, 0.2118, 0.2825

Previews

White Background



This preview shows how the Yxy color 19.4626, 0.4176, 0.3576 looks on a white background.

Color Contrast Check

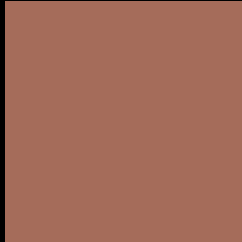
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4626, 0.4176, 0.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

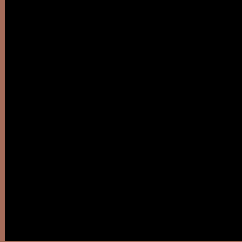
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4626, 0.4176, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 19.4626, 0.4176, 0.3576.



This preview shows how white text looks on a background with the Yxy color 19.4626, 0.4176, 0.3576.

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

19.4626, 0.4176, 0.3576

Protanopia

19.5094, 0.3538, 0.3777

Deuteranopia

19.4469, 0.3868, 0.3799



Tritanopia

19.5109, 0.3891, 0.3167

Trichromacy



Original Color

19.4626, 0.4176, 0.3576

Protanomaly

19.3704, 0.3764, 0.3699

Deuteranomaly

19.4313, 0.3971, 0.3715

Tritanomaly

19.4350, 0.3988, 0.3308

Monochromacy



Original Color

19.4626, 0.4176, 0.3576

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.5078, 0.3473, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4626, 0.4176, 0.3576 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(165, 108, 90)` looks like.

```
.text, #text, p{  
    color:rgb(165, 108, 90)  
}
```

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(165, 108, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 108, 90) }
```

Border

The CSS property to change the border of an element to Yxy 19.4626, 0.4176, 0.3576 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(165, 108, 90) }
```

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

```
.border{ border-color:rgb(165, 108, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 108, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 108, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 108, 90);  
box-shadow:4px 4px 4px 4px rgb(165, 108,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4626, 0.4176, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 108, 90) }
```

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

```
.background{ background-color: rgb(165,  
108, 90) }
```

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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