

Converting Colors

$Y_{xy}(14.7334, 0.4805, 0.3910)$

Have a look what the booklet for
Yxy(14.7334, 0.4805, 0.3910)
contains.

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Color

Yxy(14.7022, 0.4817, 0.3910)

Conversions

Conversions Part 1

Format	Color
Hex	9D5A31
RGB	157, 90, 49
RGB Percent	62%, 35%, 19%
CMY	0.3844, 0.6470, 0.8079
CMYK	0.00, 0.43, 0.69, 0.38
HSL	23°, 52%, 40%
HSV	23°, 69%, 62%
XYZ	18.1127, 14.7022, 4.7867
YIQ	105.3590, 53.0930, 1.4530

Conversions

Conversions Part 2

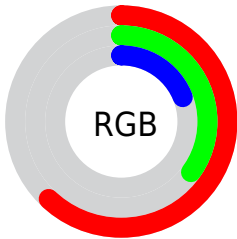
Format	Color
RYB	157, 115, 49
Decimal	10312241
CIELab	45.22, 23.83, 34.97
CIElCh	45, 42.321, 55.724
Yxy	14.7022, 0.4817, 0.3910
Android (android.graphics.Color)	4288502321 (0xFF9D5A31)
YUV	105.3590, -27.7850, 45.2892
Hunter-Lab	38.3434, 17.2187, 19.4388

Details

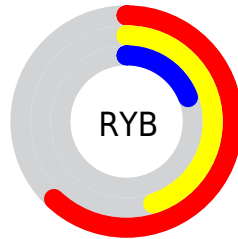
The Yxy color **14.7022, 0.4817, 0.3910** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.5657, 0.2146, 0.2458**, and the grayscale version is **14.2956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3599, 0.4416, 0.3821**, and **4.4988, 0.5505, 0.3968** is the 20% darker color. If you saturate the color by 10%, you get **13.0565, 0.5140, 0.3932**, and if you desaturate by 10%, it is **16.6108, 0.4494, 0.3852**.

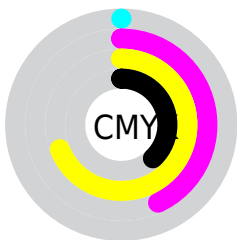
Distribution



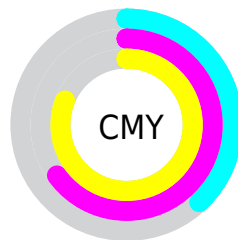
- Red (62%)
- Green (35%)
- Blue (19%)



- Red (62%)
- Yellow (45%)
- Blue (19%)



- Cyan (0%)
- Magenta (43%)
- Yellow (69%)
- Black (38%)





- Cyan (38%)
- Magenta (65%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7022, 0.4817, 0.3910 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 14.7022, 0.4817, 0.3910 by changing the saturation by 10% instead.


 14.7022, 0.4817,
0.3910


 14.7022, 0.4817,
0.3910


221.5566, 0.3828,
0.3616


 8.6107, 0.5104,
0.3948


 34.3299, 0.4424,
0.3820


 4.4881, 0.5504,
0.3969

 48.6348, 0.4286,
0.3779


 1.9502, 0.6079,
0.3921

 66.4464, 0.4173,
0.3743

 0.5783, 0.6685,
0.3315

 88.1489, 0.4080,
0.3711

 0.0000, 1.0000,
0.0000

 114.1267, 0.4002,
0.3683

 0.0000, 0.0000,
0.0000

 144.7644, 0.3935,

0.3658

180.4462, 0.3878,
0.3636

■ 14.7022, 0.4817,
0.3910

■ 14.7022, 0.4817,
0.3910

■ 13.0565, 0.5140,
0.3932

■ 16.6108, 0.4494,
0.3852

■ 11.6579, 0.5440,
0.3907

■ 18.7920, 0.4188,
0.3769

■ 10.4882, 0.5700,
0.3839

■ 21.2579, 0.3911,
0.3672

■ 10.3610, 0.5731,
0.3831

■ 24.0191, 0.3665,
0.3570

■ 27.0855, 0.3451,
0.3469

■ 30.4666, 0.3267,
0.3371

■ 34.1715, 0.3109,
0.3279

■ 38.2087, 0.2974,
0.3194

■ 42.5866, 0.2858,
0.3116

Harmonies

Analogous

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



14.7022, 0.4689, 0.3291



14.7022, 0.4817, 0.3910



14.7022, 0.4436, 0.4504

Triad

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



14.7022, 0.4817, 0.3910



14.7022, 0.2203, 0.3910



14.7022, 0.2369, 0.2037

Complementary

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



14.7022, 0.4817, 0.3910



15.5657, 0.2146, 0.2458

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.



14.7022, 0.1870, 0.2039



14.7022, 0.4817, 0.3910



14.7022, 0.1773, 0.2979

Square

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



14.7022, 0.4817, 0.3910



14.7022, 0.2919, 0.4704



14.7022, 0.1670, 0.2334



14.7022, 0.3148, 0.2280

Rectangle

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



14.7022, 0.4817, 0.3910



14.7022, 0.3992, 0.4799



14.7022, 0.1670, 0.2334



14.7022, 0.2169, 0.2009

Sweetspot

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



14.7030, 0.4817, 0.3910



47.0331, 0.3504, 0.3495



10.6550, 0.3885, 0.2270



10.0392, 0.3557, 0.3521



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.



14.7030, 0.4817, 0.3910



21.8823, 0.5319, 0.3924



26.9084, 0.4179, 0.4644



7.0386, 0.3275, 0.3375



8.4838, 0.5717, 0.3842



0.2303, 0.5040, 0.4380

Inverse Universe

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



15.5657, 0.2146, 0.2458



23.3713, 0.1995, 0.2230



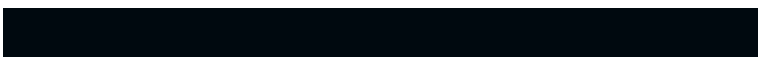
6.6837, 0.1885, 0.1377



7.0856, 0.2988, 0.3203



9.0465, 0.1895, 0.2022



0.2413, 0.2052, 0.2588

Previews

White Background



This preview shows how the Yxy color 14.7022, 0.4817, 0.3910 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 14.7022, 0.4817, 0.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

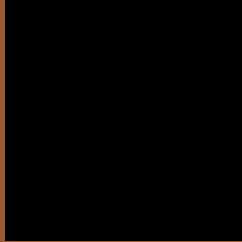
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7022, 0.4817, 0.3910

Background



This preview shows how black text looks on a background with the Yxy color 14.7022, 0.4817, 0.3910.



This preview shows how white text looks on a background with the Yxy color 14.7022, 0.4817, 0.3910.

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

14.7022, 0.4817, 0.3910

Protanopia

14.9229, 0.3976, 0.4343

Deuteranopia

14.6865, 0.4357, 0.4290



Tritanopia

14.6233, 0.4248, 0.3196

Trichromacy



Original Color

14.7022, 0.4817, 0.3910

Protanomaly

14.5509, 0.4288, 0.4168

Deuteranomaly

14.6914, 0.4529, 0.4149

Tritanomaly

14.6073, 0.4470, 0.3471

Monochromacy



Original Color

14.7022, 0.4817, 0.3910

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.0553, 0.3710, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7022, 0.4817, 0.3910 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(157, 90, 49)` looks like.

```
.text, #text, p{  
    color:rgb(157, 90, 49)  
}
```

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(157, 90, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 90, 49) }
```

Border

The CSS property to change the border of an element to Yxy 14.7022, 0.4817, 0.3910 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(157, 90, 49) }
```

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

```
.border{ border-color:rgb(157, 90, 49) }
```

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

Here you see how a box with a 4 pixel rgb(157, 90, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 90, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 90, 49);  
box-shadow:4px 4px 4px 4px rgb(157, 90,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7022, 0.4817, 0.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 90, 49) }
```

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

```
.background{ background-color: rgb(157, 90,  
49) }
```

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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