

Converting Colors

$Y_{xy}(11.9477, 0.4925, 0.3982)$

Have a look what the booklet for
Yxy(11.9477, 0.4925, 0.3982)
contains.

Yxy(11.9477, 0.4925, 0.3982)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.9477, 0.4925, 0.3982)

Conversions

Conversions Part 1

Format	Color
Hex	905125
RGB	144, 81, 37
RGB Percent	56%, 32%, 15%
CMY	0.4353, 0.6823, 0.8548
CMYK	0.00, 0.44, 0.74, 0.44
HSL	25°, 59%, 35%
HSV	25°, 74%, 56%
XYZ	14.7771, 11.9477, 3.2795
YIQ	94.8210, 51.6720, -0.3280

Conversions

Conversions Part 2

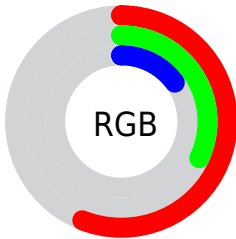
Format	Color
RYB	144, 112, 37
Decimal	9457957
CIELab	41.13, 22.59, 36.28
CIELCh	41, 42.739, 58.085
Yxy	11.9477, 0.4925, 0.3982
Android (android.graphics.Color)	4287648037 (0xFF905125)
YUV	94.8210, -28.5058, 43.1300
Hunter-Lab	34.5654, 15.8212, 18.5706

Details

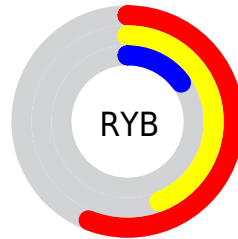
The Yxy color **11.9477, 0.4925, 0.3982** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.5227, 0.2074, 0.2307**, and the grayscale version is **11.4599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.4292, 0.4497, 0.3884**, and **3.3259, 0.5593, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **10.6924, 0.5223, 0.3988**, and if you desaturate by 10%, it is **13.3973, 0.4616, 0.3934**.

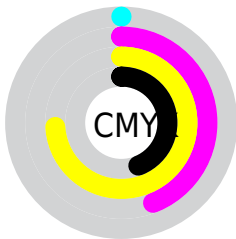
Distribution



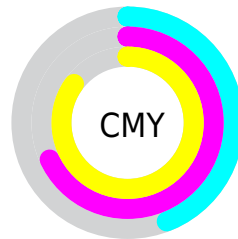
- Red (56%)
- Green (32%)
- Blue (15%)



- Red (56%)
- Yellow (44%)
- Blue (15%)



- Cyan (0%)
- Magenta (44%)
- Yellow (74%)
- Black (44%)



- Cyan (44%)
- Magenta (68%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9477, 0.4925, 0.3982 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 11.9477, 0.4925, 0.3982 by changing the saturation by 10% instead.


 11.9477, 0.4925,
0.3982


 11.9477, 0.4925,
0.3982

204.0587, 0.3852,
0.3648


 6.7081, 0.5240,
0.4018


 29.3998, 0.4493,
0.3881


 3.2802, 0.5847,
0.4139

 42.3811, 0.4343,
0.3835


 1.2797, 0.6175,
0.3825

 58.7117, 0.4221,
0.3793

 0.1254, 0.8425,
0.1575

 78.7761, 0.4121,
0.3757

 0.0000, 0.0000,
0.0000

 102.9586, 0.4037,
0.3724

 131.6436, 0.3966,

0.3696

165.2155, 0.3904,
0.3671

11.9477, 0.4925,
0.3982

11.9477, 0.4925,
0.3982

10.6924, 0.5223,
0.3988

13.3973, 0.4616,
0.3934

9.6192, 0.5487,
0.3944

15.0486, 0.4315,
0.3855

9.0779, 0.5632,
0.3910

16.9106, 0.4034,
0.3757

18.9914, 0.3781,
0.3650

21.2983, 0.3557,
0.3541

■ 23.8385, 0.3361,
0.3434

■ 26.6186, 0.3192,
0.3332

■ 29.6451, 0.3047,
0.3236

■ 32.9242, 0.2921,
0.3148

Harmonies

Analogous

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



11.9477, 0.4848, 0.3327



11.9477, 0.4925, 0.3982



11.9477, 0.4467, 0.4619

Triad

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



11.9477, 0.4925, 0.3982



11.9477, 0.2081, 0.3878



11.9477, 0.2367, 0.1968

Complementary

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



11.9477, 0.4925, 0.3982



11.5227, 0.2074, 0.2307

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.



11.9477, 0.1816, 0.1945



11.9477, 0.4925, 0.3982



11.9477, 0.1659, 0.2874

Square

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



11.9477, 0.4925, 0.3982



11.9477, 0.2823, 0.4790



11.9477, 0.1582, 0.2222



11.9477, 0.3220, 0.2243

Rectangle

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



11.9477, 0.4925, 0.3982



11.9477, 0.3974, 0.4936



11.9477, 0.1582, 0.2222



11.9477, 0.2147, 0.1930

Sweetspot

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



11.9483, 0.4925, 0.3982



38.3619, 0.3519, 0.3521



8.1967, 0.4045, 0.2283



8.5617, 0.3568, 0.3547



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



11.9483, 0.4925, 0.3982



17.5886, 0.5400, 0.3965



22.9179, 0.4196, 0.4746



5.7655, 0.3272, 0.3381



7.9505, 0.5622, 0.3918



0.1177, 0.4931, 0.4466

Inverse Universe

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



11.5227, 0.2074, 0.2307



16.6682, 0.1927, 0.2051



4.4983, 0.1790, 0.1177



5.7494, 0.2990, 0.3197



7.4290, 0.1867, 0.1921



0.1145, 0.2053, 0.2589

Previews

White Background



This preview shows how the Yxy color 11.9477, 0.4925, 0.3982 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 11.9477, 0.4925, 0.3982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

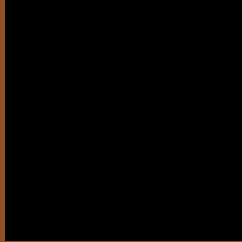
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9477, 0.4925, 0.3982

Background



This preview shows how black text looks on a background with the Yxy color 11.9477, 0.4925, 0.3982.



This preview shows how white text looks on a background with the Yxy color 11.9477, 0.4925, 0.3982.

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

11.9477, 0.4925, 0.3982

Protanopia

12.0907, 0.4062, 0.4477

Deuteranopia

12.0818, 0.4445, 0.4391



Tritanopia

11.8891, 0.4281, 0.3189

Trichromacy



Original Color

11.9477, 0.4925, 0.3982

Protanomaly

11.8724, 0.4378, 0.4297

Deuteranomaly

12.0119, 0.4620, 0.4243

Tritanomaly

11.8619, 0.4541, 0.3501

Monochromacy



Original Color

11.9477, 0.4925, 0.3982

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.3175, 0.3767, 0.3643

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9477, 0.4925, 0.3982 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(144, 81, 37)` looks like.

```
.text, #text, p{  
    color:rgb(144, 81, 37)  
}
```

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(144, 81, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 81, 37) }
```

Border

The CSS property to change the border of an element to Yxy 11.9477, 0.4925, 0.3982 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(144, 81, 37) }
```

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

```
.border{ border-color:rgb(144, 81, 37) }
```

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

Here you see how a box with a 4 pixel rgb(144, 81, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 81, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 81, 37);  
box-shadow:4px 4px 4px 4px rgb(144, 81,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9477, 0.4925, 0.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 81, 37) }
```

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

```
.background{ background-color: rgb(144, 81,  
37) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor