

Converting Colors

$Y_{xy}(11.4754, 0.5049, 0.3948)$

Have a look what the booklet for
Yxy(11.4754, 0.5049, 0.3948)
contains.

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Color

$\text{Yxy}(11.4373, 0.5050, 0.3955)$

Conversions

Conversions Part 1	
Format	Color
Hex	914D21
RGB	145, 77, 33
RGB Percent	57%, 30%, 13%
CMY	0.4314, 0.6980, 0.8705
CMYK	0.00, 0.47, 0.77, 0.43
HSL	24°, 63%, 35%
HSV	24°, 77%, 57%
XYZ	14.6039, 11.4373, 2.8774
YIQ	92.3160, 54.6520, 0.7320

Conversions

Conversions Part 2

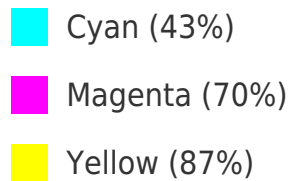
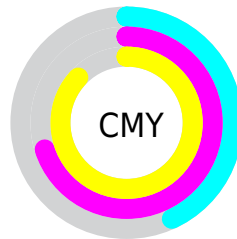
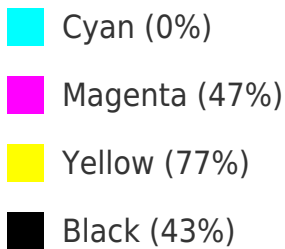
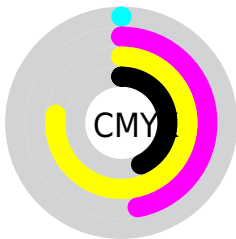
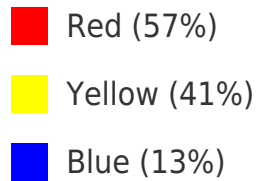
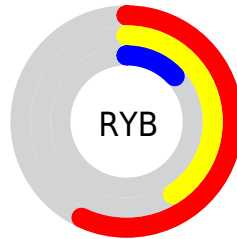
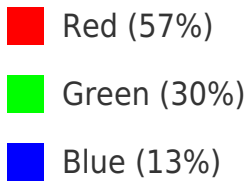
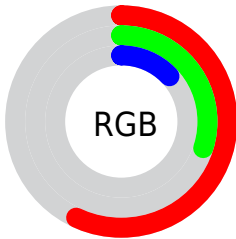
Format	Color
RYB	145, 105, 33
Decimal	9522465
CIELab	40.31, 25.10, 37.51
CIELCh	40, 45.131, 56.214
Yxy	11.4373, 0.5050, 0.3955
Android (android.graphics.Color)	4287712545 (0xFF914D21)
YUV	92.3160, -29.2428, 46.2039
Hunter-Lab	33.8191, 17.8972, 18.6288

Details

The Yxy color **11.4373, 0.5050, 0.3955** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.6718, 0.2055, 0.2309**, and the grayscale version is **10.8396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4544, 0.4585, 0.3875**, and **3.1038, 0.5712, 0.3846** is the 20% darker color. If you saturate the color by 10%, you get **10.2237, 0.5349, 0.3943**, and if you desaturate by 10%, it is **12.8538, 0.4733, 0.3922**.

Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4373, 0.5050, 0.3955 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 11.4373, 0.5050, 0.3955 by changing the saturation by 10% instead.


 11.4373, 0.5050,
0.3955


 11.4373, 0.5050,
0.3955


 200.6436, 0.3899,
0.3649


 6.3618, 0.5385,
0.3971


 28.4660, 0.4588,
0.3872


 3.0663, 0.5976,
0.4024


 41.1880, 0.4427,
0.3829


 1.1664, 0.6339,
0.3661

 57.2276, 0.4296,
0.3790

 0.0340, 0.9499,
0.0501


 76.9692, 0.4188,
0.3755


 0.0000, 0.0000,
0.0000

 100.7972, 0.4098,
0.3724

 129.0960, 0.4022,

0.3696


 162.2500, 0.3956,
0.3671

 11.4373, 0.5050,
0.3955


 11.4373, 0.5050,
0.3955


 10.2237, 0.5349,
0.3943


 12.8538, 0.4733,
0.3922

 9.1976, 0.5611,
0.3886

 14.4817, 0.4420,
0.3855

 8.9422, 0.5684,
0.3869

 16.3309, 0.4126,
0.3766

 18.4104, 0.3859,
0.3666

 20.7282, 0.3623,
0.3561

■ 23.2921, 0.3418,
0.3457

■ 26.1096, 0.3240,
0.3358

■ 29.1876, 0.3087,
0.3265

■ 32.5330, 0.2956,
0.3178

Harmonies

Analogous

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



11.4373, 0.4940, 0.3272



11.4373, 0.5050, 0.3955



11.4373, 0.4578, 0.4643

Triad

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



11.4373, 0.5050, 0.3955



11.4373, 0.2050, 0.3992



11.4373, 0.2271, 0.1886

Complementary

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



11.4373, 0.5050, 0.3955



11.6718, 0.2055, 0.2309

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.



11.4373, 0.1718, 0.1876



11.4373, 0.5050, 0.3955



11.4373, 0.1590, 0.2893

Square

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



11.4373, 0.5050, 0.3955



11.4373, 0.2846, 0.4955



11.4373, 0.1494, 0.2180



11.4373, 0.3157, 0.2158

Rectangle

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



11.4373, 0.5050, 0.3955



11.4373, 0.4061, 0.5013



11.4373, 0.1494, 0.2180



11.4373, 0.2048, 0.1851

Sweetspot

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



11.4379, 0.5050, 0.3955



38.7996, 0.3543, 0.3522



8.0674, 0.4054, 0.2237



8.3081, 0.3612, 0.3556



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.



11.4379, 0.5050, 0.3955



16.8703, 0.5551, 0.3899



22.6100, 0.4247, 0.4756



5.7500, 0.3272, 0.3377



7.7195, 0.5673, 0.3878



0.1146, 0.4969, 0.4436

Inverse Universe

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



11.6718, 0.2055, 0.2309



17.1185, 0.1916, 0.2049



4.3272, 0.1753, 0.1130



5.7653, 0.2990, 0.3202



7.7943, 0.1885, 0.1984



0.1176, 0.2063, 0.2628

Previews

White Background



This preview shows how the Yxy color 11.4373, 0.5050, 0.3955 looks on a white background.

Color Contrast Check

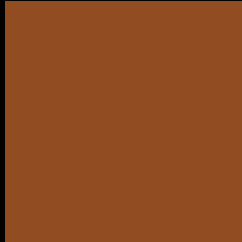
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4373, 0.5050, 0.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

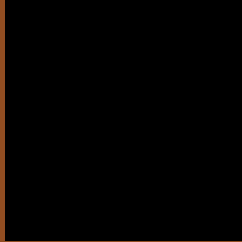
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4373, 0.5050, 0.3955

Background



This preview shows how black text looks on a background with the Yxy color 11.4373, 0.5050, 0.3955.



This preview shows how white text looks on a background with the Yxy color 11.4373, 0.5050, 0.3955.

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

11.4373, 0.5050, 0.3955

Protanopia

11.6315, 0.4115, 0.4517

Deuteranopia

11.5639, 0.4495, 0.4439



Tritanopia

11.3736, 0.4425, 0.3208

Trichromacy



Original Color

11.4373, 0.5050, 0.3955

Protanomaly

11.3371, 0.4469, 0.4303

Deuteranomaly

11.4164, 0.4707, 0.4260

Tritanomaly

11.3455, 0.4689, 0.3513

Monochromacy



Original Color

11.4373, 0.5050, 0.3955

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.6508, 0.3804, 0.3650

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4373, 0.5050, 0.3955 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(145, 77, 33)` looks like.

```
.text, #text, p{  
    color:rgb(145, 77, 33)  
}
```

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(145, 77, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 77, 33) }
```

Border

The CSS property to change the border of an element to Yxy 11.4373, 0.5050, 0.3955 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(145, 77, 33) }
```

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

```
.border{ border-color:rgb(145, 77, 33) }
```

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

Here you see how a box with a 4 pixel rgb(145, 77, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 77, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 77, 33);  
box-shadow:4px 4px 4px 4px rgb(145, 77,  
33) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4373, 0.5050, 0.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 77, 33) }
```

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

```
.background{ background-color: rgb(145, 77,  
33) }
```

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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