

Converting Colors

$Y_{xy}(11.7093, 0.4429, 0.3248)$

Have a look what the booklet for
Yxy(11.7093, 0.4429, 0.3248)
contains.

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Color

Yxy(11.7293, 0.4424, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	944A4D
RGB	148, 74, 77
RGB Percent	58%, 29%, 30%
CMY	0.4196, 0.7098, 0.6981
CMYK	0.00, 0.50, 0.48, 0.42
HSL	358°, 33%, 44%
HSV	358°, 50%, 58%
XYZ	16.0007, 11.7293, 8.4380
YIQ	96.4680, 43.1410, 16.6210

Conversions

Conversions Part 2

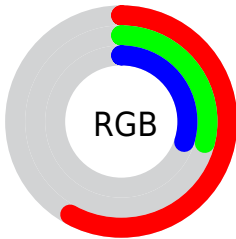
Format	Color
R_{YB}	148, 74, 77
Decimal	9718349
CIE Lab	40.78, 31.33, 12.63
CIE LCh	41, 33.780, 21.960
Yxy	11.7293, 0.4424, 0.3243
Android (android.graphics.Color)	4287908429 (0xFF944A4D)
YUV	96.4680, -9.5977, 45.1936
Hunter-Lab	34.2481, 23.4614, 9.3658

Details

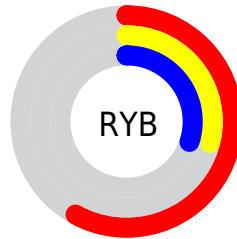
The Yxy color **11.7293, 0.4424, 0.3243** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.6816, 0.2511, 0.3345**, and the grayscale version is **11.8332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.1527, 0.4081, 0.3280**, and **3.2283, 0.5120, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **9.8015, 0.4850, 0.3238**, and if you desaturate by 10%, it is **14.1671, 0.4054, 0.3251**.

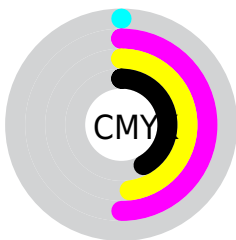
Distribution



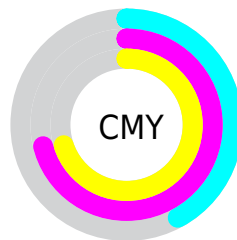
- Red (58%)
- Green (29%)
- Blue (30%)



- Red (58%)
- Yellow (29%)
- Blue (30%)



- Cyan (0%)
- Magenta (50%)
- Yellow (48%)
- Black (42%)





- Cyan (42%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7293, 0.4424, 0.3243 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 11.7293, 0.4424, 0.3243 by changing the saturation by 10% instead.


 11.7293, 0.4424,
0.3243


 11.7293, 0.4424,
0.3243


202.6049, 0.3623,
0.3298


 6.5596, 0.4700,
0.3206


 29.0011, 0.4084,
0.3276


 3.1883, 0.5115,
0.3133

 41.8720, 0.3973,
0.3284

 1.2308, 0.5934,
0.3038

 58.0789, 0.3884,
0.3289

 0.0866, 0.9072,
0.0928

 78.0059, 0.3812,
0.3292

 0.0000, 0.0000,
0.0000

 102.0377, 0.3753,
0.3294

130.5585, 0.3703,

0.3296

163.9527, 0.3660,
0.3297

■ 11.7293, 0.4424,
0.3243

■ 11.7293, 0.4424,
0.3243

■ 9.8015, 0.4850,
0.3238

■ 14.1671, 0.4054,
0.3251

■ 8.3459, 0.5307,
0.3239

■ 17.1455, 0.3745,
0.3261

■ 7.3223, 0.5747,
0.3246


■ 20.6951, 0.3494,
0.3271


■ 6.6833, 0.6104,
0.3261


■ 24.8433, 0.3291,
0.3281


■ 6.3092, 0.6346,
0.3269


■ 29.6162, 0.3127,
0.3290

 6.3091, 0.6346,
0.3269

 35.0380, 0.2995,
0.3299

 41.1317, 0.2888,
0.3306

 47.9193, 0.2801,
0.3313

 55.4216, 0.2730,
0.3320

Harmonies

Analogous

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



11.7293, 0.3824, 0.2740



11.7293, 0.4424, 0.3243



11.7293, 0.4608, 0.3795

Triad

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



11.7293, 0.4424, 0.3243



11.7293, 0.3053, 0.4536



11.7293, 0.1981, 0.2209

Complementary

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



11.7293, 0.4424, 0.3243



24.6816, 0.2511, 0.3345

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.



11.7293, 0.1835, 0.2520



11.7293, 0.4424, 0.3243



11.7293, 0.2398, 0.3921

Square

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



11.7293, 0.4424, 0.3243



11.7293, 0.3766, 0.4644



11.7293, 0.1971, 0.3128



11.7293, 0.2398, 0.2169

Rectangle

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



11.7293, 0.4424, 0.3243



11.7293, 0.4475, 0.4153



11.7293, 0.1971, 0.3128



11.7293, 0.1902, 0.2281

Sweetspot

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



11.7299, 0.4424, 0.3243



39.8182, 0.3393, 0.3276



12.9930, 0.3128, 0.2101



8.7757, 0.3433, 0.3274



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



11.7299, 0.4424, 0.3243



16.9426, 0.4903, 0.3238



17.3694, 0.4169, 0.3864



5.8189, 0.3276, 0.3281



5.3898, 0.6341, 0.3267



0.0667, 0.6059, 0.3111

Inverse Universe

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



11.7299, 0.4424, 0.3243



16.9426, 0.4903, 0.3238



15.7882, 0.2363, 0.2615



5.8189, 0.3276, 0.3281



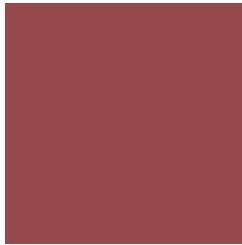
5.3898, 0.6341, 0.3267



0.0667, 0.6059, 0.3111

Previews

White Background



This preview shows how the Yxy color 11.7293, 0.4424, 0.3243 looks on a white background.

Color Contrast Check

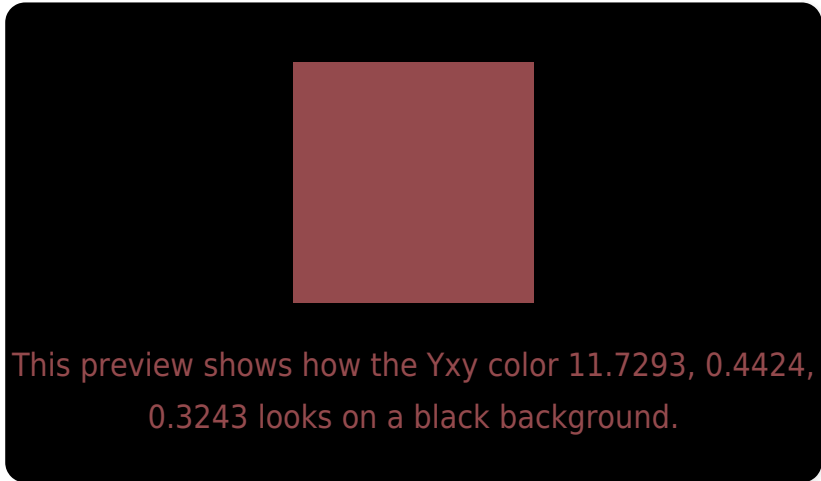
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

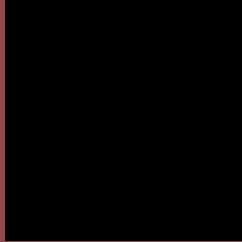
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.7293, 0.4424, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 11.7293, 0.4424, 0.3243.



This preview shows how white text looks on a background with the Yxy color 11.7293, 0.4424, 0.3243.

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

11.7293, 0.4424, 0.3243

Protanopia

11.8370, 0.3320, 0.3474

Deuteranopia

11.9005, 0.3763, 0.3704



Tritanopia

11.7580, 0.4385, 0.3208

Trichromacy



Original Color

11.7293, 0.4424, 0.3243

Protanomaly

11.4711, 0.3698, 0.3377

Deuteranomaly

11.5992, 0.4000, 0.3515

Tritanomaly

11.7435, 0.4405, 0.3225

Monochromacy



Original Color

11.7293, 0.4424, 0.3243

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.3456, 0.3563, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7293, 0.4424, 0.3243 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(148, 74, 77)` looks like.

```
.text, #text, p{  
    color:rgb(148, 74, 77)  
}
```

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(148, 74, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 74, 77) }
```

Border

The CSS property to change the border of an element to Yxy 11.7293, 0.4424, 0.3243 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(148, 74, 77) }
```

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

```
.border{ border-color:rgb(148, 74, 77) }
```

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

Here you see how a box with a 4 pixel rgb(148, 74, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 74, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 74, 77);  
box-shadow:4px 4px 4px 4px rgb(148, 74,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7293, 0.4424, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 74, 77) }
```

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

```
.background{ background-color: rgb(148, 74,  
77) }
```

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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