

Converting Colors

$Y_{xy}(11.8365, 0.4567, 0.3344)$

Have a look what the booklet for
Yxy(11.8365, 0.4567, 0.3344)
contains.

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Color

Yxy(11.8365, 0.4567, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	964A47
RGB	150, 74, 71
RGB Percent	59%, 29%, 28%
CMY	0.4117, 0.7098, 0.7216
CMYK	0.00, 0.51, 0.53, 0.41
HSL	2°, 36%, 43%
HSV	2°, 53%, 59%
XYZ	16.1655, 11.8365, 7.3943
YIQ	96.3820, 46.2590, 15.1790

Conversions

Conversions Part 2

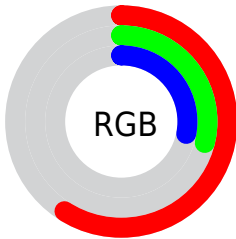
Format	Color
R_{YB}	150, 74, 71
Decimal	9849415
CIE _{Lab}	40.96, 31.53, 16.60
CIE _{LCh}	41, 35.633, 27.768
Yxy	11.8365, 0.4567, 0.3344
Android (android.graphics.Color)	4288039495 (0xFF964A47)
YUV	96.3820, -12.5133, 47.0230
Hunter-Lab	34.4042, 23.6642, 11.3401

Details

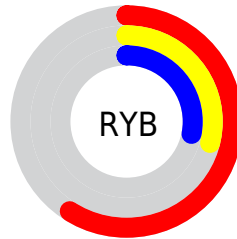
The Yxy color **11.8365, 0.4567, 0.3344** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **24.4153, 0.2454, 0.3232**, and the grayscale version is **11.8177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2645, 0.4191, 0.3370**, and **3.2555, 0.5297, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **9.9568, 0.5009, 0.3350**, and if you desaturate by 10%, it is **14.2071, 0.4175, 0.3335**.

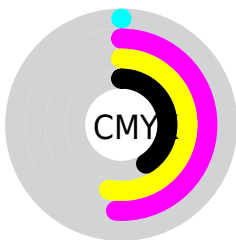
Distribution



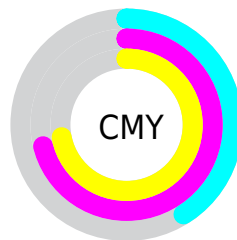
- Red (59%)
- Green (29%)
- Blue (28%)



- Red (59%)
- Yellow (29%)
- Blue (28%)



- Cyan (0%)
- Magenta (51%)
- Yellow (53%)
- Black (41%)




- Cyan (41%)
- Magenta (71%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8365, 0.4567, 0.3344 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 11.8365, 0.4567, 0.3344 by changing the saturation by 10% instead.


 11.8365, 0.4567,
0.3344


 11.8365, 0.4567,
0.3344


203.3199, 0.3680,
0.3347


 6.6324, 0.4868,
0.3317


 29.1970, 0.4192,
0.3359


 3.2333, 0.5315,
0.3253

 42.1222, 0.4068,
0.3359

 1.2547, 0.6340,
0.3246

 58.3899, 0.3970,
0.3358

 0.1057, 0.8917,
0.1083

 78.3845, 0.3890,
0.3356

 0.0000, 0.0000,
0.0000

 102.4904, 0.3824,
0.3354

131.0920, 0.3768,

0.3351

164.5737, 0.3721,
0.3349

■ 11.8365, 0.4567,
0.3344

■ 11.8365, 0.4567,
0.3344

■ 9.9568, 0.5009,
0.3350

■ 14.2071, 0.4175,
0.3335

■ 8.5320, 0.5467,
0.3350

■ 17.0978, 0.3843,
0.3324

■ 7.5239, 0.5887,
0.3343

■ 20.5376, 0.3570,
0.3313

■ 6.8878, 0.6202,
0.3330

■ 24.5527, 0.3348,
0.3302

■ 6.6085, 0.6366,
0.3328

■ 29.1680, 0.3169,
0.3293

■ 34.4065, 0.3024,
0.3283

■ 40.2903, 0.2906,
0.3275

■ 46.8403, 0.2810,
0.3268

■ 54.0764, 0.2731,
0.3261

Harmonies

Analogous

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



11.8365, 0.4005, 0.2807



11.8365, 0.4567, 0.3344



11.8365, 0.4660, 0.3920

Triad

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



11.8365, 0.4567, 0.3344



11.8365, 0.2900, 0.4519



11.8365, 0.1993, 0.2133

Complementary

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



11.8365, 0.4567, 0.3344



24.4153, 0.2454, 0.3232

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.



11.8365, 0.1787, 0.2394



11.8365, 0.4567, 0.3344



11.8365, 0.2252, 0.3792

Square

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



11.8365, 0.4567, 0.3344



11.8365, 0.3649, 0.4737



11.8365, 0.1868, 0.2968



11.8365, 0.2478, 0.2143

Rectangle

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



11.8365, 0.4567, 0.3344



11.8365, 0.4460, 0.4285



11.8365, 0.1868, 0.2968



11.8365, 0.1893, 0.2187

Sweetspot

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



11.8371, 0.4567, 0.3344



40.6188, 0.3423, 0.3306



13.1105, 0.3222, 0.2099



8.7119, 0.3464, 0.3308



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.



11.8371, 0.4567, 0.3344



17.1216, 0.5081, 0.3350



18.7818, 0.4181, 0.3999



5.8485, 0.3281, 0.3299



5.4910, 0.6362, 0.3331



0.0742, 0.6178, 0.3477

Inverse Universe

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



24.4153, 0.2454, 0.3232



41.7230, 0.2360, 0.3217



14.2406, 0.2296, 0.2430



6.5250, 0.2990, 0.3281



18.4603, 0.2215, 0.3174



0.2354, 0.2232, 0.3235

Previews

White Background



This preview shows how the Yxy color 11.8365, 0.4567, 0.3344 looks on a white background.

Color Contrast Check

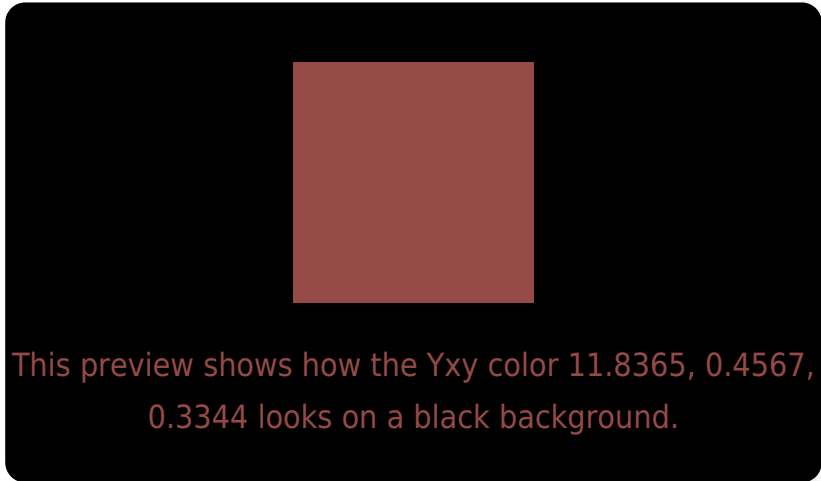
Large Text (above 18pt) WCAG AA ✓ Pass

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

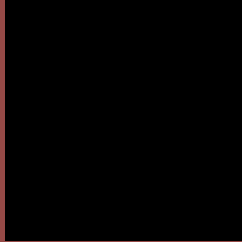
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.8365, 0.4567, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 11.8365, 0.4567, 0.3344.



This preview shows how white text looks on a background with the Yxy color 11.8365, 0.4567, 0.3344.

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

11.8365, 0.4567, 0.3344

Protanopia

11.9683, 0.3436, 0.3659

Deuteranopia

11.9591, 0.3891, 0.3826



Tritanopia

11.7992, 0.4444, 0.3210

Trichromacy



Original Color

11.8365, 0.4567, 0.3344

Protanomaly

11.6025, 0.3826, 0.3546

Deuteranomaly

11.6744, 0.4137, 0.3630

Tritanomaly

11.7571, 0.4501, 0.3261

Monochromacy



Original Color

11.8365, 0.4567, 0.3344

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.3806, 0.3613, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8365, 0.4567, 0.3344 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(150, 74, 71)` looks like.

```
.text, #text, p{  
    color:rgb(150, 74, 71)  
}
```

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(150, 74, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 74, 71) }
```

Border

The CSS property to change the border of an element to Yxy 11.8365, 0.4567, 0.3344 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(150, 74, 71) }
```

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

```
.border{ border-color:rgb(150, 74, 71) }
```

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

Here you see how a box with a 4 pixel rgb(150, 74, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 74, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 74, 71);  
box-shadow:4px 4px 4px 4px rgb(150, 74,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 11.8365, 0.4567, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 74, 71) }
```

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

```
.background{ background-color: rgb(150, 74,  
71) }
```

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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