

Converting Colors

$Y_{xy}(11.9823, 0.4432, 0.3274)$

Have a look what the booklet for
Yxy(11.9823, 0.4432, 0.3274)
contains.

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Color

Yxy(11.9575, 0.4430, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	954B4D
RGB	149, 75, 77
RGB Percent	58%, 29%, 30%
CMY	0.4157, 0.7058, 0.6980
CMYK	0.00, 0.50, 0.48, 0.42
HSL	358°, 33%, 44%
HSV	358°, 50%, 58%
XYZ	16.2490, 11.9575, 8.4730
YIQ	97.3540, 43.4620, 16.3100

Conversions

Conversions Part 2

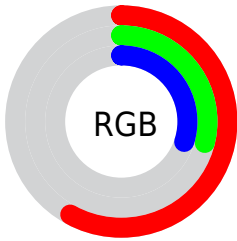
Format	Color
R_{YB}	149, 75, 77
Decimal	9784141
CIE Lab	41.15, 31.17, 13.15
CIE LCh	41, 33.831, 22.866
Yxy	11.9575, 0.4430, 0.3260
Android (android.graphics.Color)	4287974221 (0xFF954B4D)
YUV	97.3540, -10.0345, 45.2935
Hunter-Lab	34.5796, 23.3630, 9.6781

Details

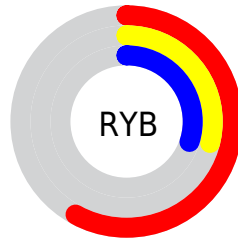
The Yxy color **11.9575, 0.4430, 0.3260** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0952, 0.2507, 0.3326**, and the grayscale version is **12.0636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.5499, 0.4087, 0.3293**, and **3.2734, 0.5105, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **9.9855, 0.4860, 0.3257**, and if you desaturate by 10%, it is **14.4498, 0.4056, 0.3265**.

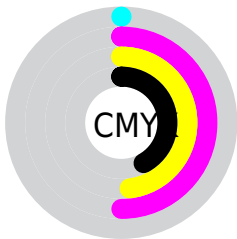
Distribution



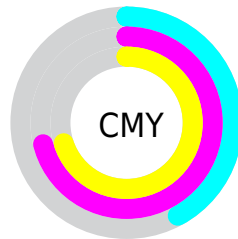
- Red (58%)
- Green (29%)
- Blue (30%)



- 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 11.9575, 0.4430, 0.3260 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 11.9575, 0.4430, 0.3260 by changing the saturation by 10% instead.


 11.9575, 0.4430,
0.3260


 11.9575, 0.4430,
0.3260


204.1237, 0.3627,
0.3305

 6.7147, 0.4705,
0.3226


 29.4177, 0.4090,
0.3289


 3.2844, 0.5117,
0.3157

 42.4039, 0.3978,
0.3295

 1.2819, 0.5918,
0.3066

 58.7400, 0.3890,
0.3299

 0.1271, 0.8741,
0.1259

 78.8105, 0.3817,
0.3302

 0.0000, 0.0000,
0.0000

 102.9997, 0.3758,
0.3303

131.6921, 0.3707,

0.3304

165.2720, 0.3665,
0.3305

■ 11.9575, 0.4430,
0.3260

■ 11.9575, 0.4430,
0.3260

■ 9.9855, 0.4860,
0.3257

■ 14.4498, 0.4056,
0.3265

■ 8.4952, 0.5321,
0.3258

■ 17.4935, 0.3745,
0.3271

■ 7.4459, 0.5763,
0.3264


■ 21.1196, 0.3491,
0.3278


■ 6.7893, 0.6119,
0.3274


■ 25.3562, 0.3287,
0.3284

■ 6.4098, 0.6356,
0.3280

■ 30.2297, 0.3122,
0.3290

 6.3976, 0.6364,
0.3279

 35.7648, 0.2989,
0.3296

 41.9850, 0.2882,
0.3301

 48.9126, 0.2795,
0.3306

 56.5687, 0.2723,
0.3310

Harmonies

Analogous

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



11.9575, 0.3843, 0.2756



11.9575, 0.4430, 0.3260



11.9575, 0.4600, 0.3811

Triad

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



11.9575, 0.4430, 0.3260



11.9575, 0.3032, 0.4517



11.9575, 0.1994, 0.2209

Complementary

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



11.9575, 0.4430, 0.3260



25.0952, 0.2507, 0.3326

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.



11.9575, 0.1841, 0.2511



11.9575, 0.4430, 0.3260



11.9575, 0.2385, 0.3894

Square

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



11.9575, 0.4430, 0.3260



11.9575, 0.3743, 0.4642



11.9575, 0.1968, 0.3107



11.9575, 0.2418, 0.2176

Rectangle

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



11.9575, 0.4430, 0.3260



11.9575, 0.4459, 0.4165



11.9575, 0.1968, 0.3107



11.9575, 0.1913, 0.2278

Sweetspot

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



11.9581, 0.4430, 0.3260



40.9912, 0.3397, 0.3281



13.3624, 0.3146, 0.2114



8.7723, 0.3437, 0.3279



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.



11.9581, 0.4430, 0.3260



17.4126, 0.4931, 0.3257



17.9487, 0.4149, 0.3881



5.8178, 0.3278, 0.3284



5.3858, 0.6360, 0.3277



0.0664, 0.6166, 0.3170

Inverse Universe

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



11.9581, 0.4430, 0.3260



17.4126, 0.4931, 0.3257



15.8061, 0.2363, 0.2594



5.8178, 0.3278, 0.3284



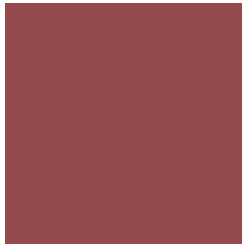
5.3858, 0.6360, 0.3277



0.0664, 0.6166, 0.3170

Previews

White Background



This preview shows how the Yxy color 11.9575, 0.4430, 0.3260 looks on a white background.

Color Contrast Check

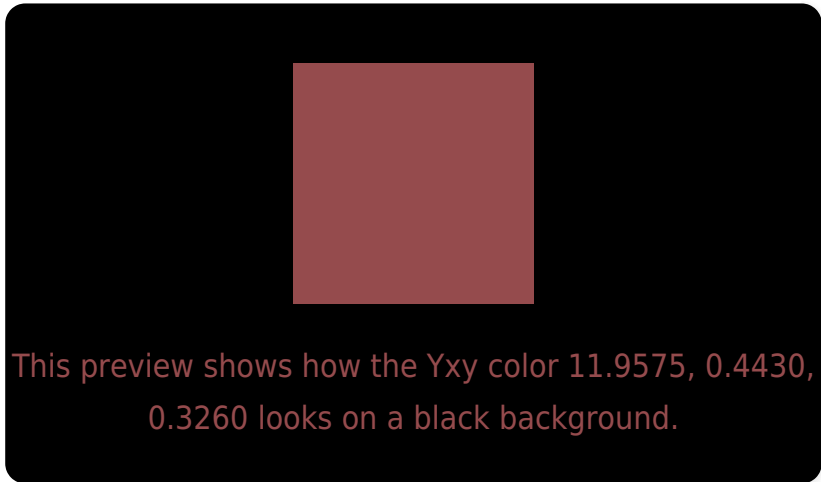
Large Text (above 18pt) WCAG AA ✓ Pass

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

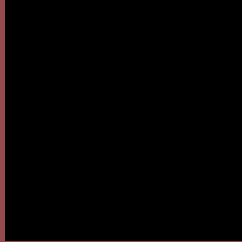
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9575, 0.4430, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 11.9575, 0.4430, 0.3260.

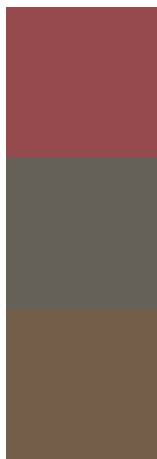


This preview shows how white text looks on a background with the Yxy color 11.9575, 0.4430, 0.3260.

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

11.9575, 0.4430, 0.3260

Protanopia

12.0787, 0.3333, 0.3496

Deuteranopia

12.1447, 0.3773, 0.3722



Tritanopia

12.0009, 0.4374, 0.3209

Trichromacy



Original Color

11.9575, 0.4430, 0.3260

Protanomaly

11.7068, 0.3709, 0.3397

Deuteranomaly

11.8364, 0.4009, 0.3533

Tritanomaly

11.9862, 0.4392, 0.3226

Monochromacy



Original Color

11.9575, 0.4430, 0.3260

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.5959, 0.3559, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9575, 0.4430, 0.3260 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(149, 75, 77)` looks like.

```
.text, #text, p{  
    color:rgb(149, 75, 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(149, 75, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 75, 77) }
```

Border

The CSS property to change the border of an element to Yxy 11.9575, 0.4430, 0.3260 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(149, 75, 77) }
```

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

```
.border{ border-color:rgb(149, 75, 77) }
```

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

Here you see how a box with a 4 pixel rgb(149, 75, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 75, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 75, 77);  
box-shadow:4px 4px 4px 4px rgb(149, 75,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9575, 0.4430, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 75, 77) }
```

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

```
.background{ background-color: rgb(149, 75,  
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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