

Converting Colors

$Y_{xy}(11.9488, 0.4319, 0.3103)$

Have a look what the booklet for
Yxy(11.9488, 0.4319, 0.3103)
contains.

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Color

Yxy(11.9050, 0.4309, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	964955
RGB	150, 73, 85
RGB Percent	59%, 29%, 33%
CMY	0.4117, 0.7137, 0.6666
CMYK	0.00, 0.51, 0.43, 0.41
HSL	351°, 35%, 44%
HSV	351°, 51%, 59%
XYZ	16.6015, 11.9050, 10.0210
YIQ	97.3910, 42.0400, 20.0560

Conversions

Conversions Part 2

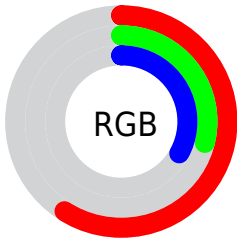
Format	Color
R_{YB}	150, 73, 85
Decimal	9849173
CIE _{Lab}	41.06, 33.53, 8.09
CIE _{LCh}	41, 34.488, 13.565
Yxy	11.9050, 0.4309, 0.3090
Android (android.graphics.Color)	4288039253 (0xFF964955)
YUV	97.3910, -6.1088, 46.1381
Hunter-Lab	34.5036, 25.5044, 6.9327

Details

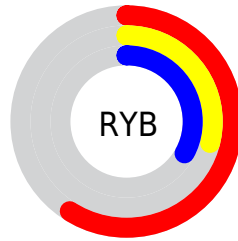
The Yxy color **11.9050, 0.4309, 0.3090** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0659, 0.2561, 0.3519**, and the grayscale version is **12.0633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.4019, 0.4008, 0.3165**, and **3.2933, 0.4950, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **9.9831, 0.4689, 0.3065**, and if you desaturate by 10%, it is **14.3396, 0.3980, 0.3126**.

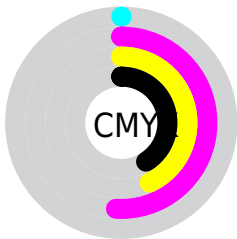
Distribution



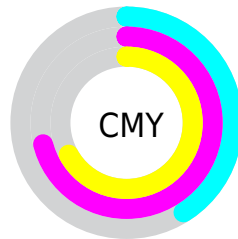
- Red (59%)
- Green (29%)
- Blue (33%)



- Red (59%)
- Yellow (29%)
- Blue (33%)



- Cyan (0%)
- Magenta (51%)
- Yellow (43%)
- Black (41%)





- Cyan (41%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9050, 0.4309, 0.3090 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 11.9050, 0.4309, 0.3090 by changing the saturation by 10% instead.


 11.9050, 0.4309,
0.3090


 11.9050, 0.4309,
0.3090


203.7754, 0.3582,
0.3229


 6.6790, 0.4559,
0.3032


 29.3220, 0.4001,
0.3154


 3.2622, 0.4938,
0.2934

 42.2817, 0.3899,
0.3174


 1.2701, 0.5582,
0.2753

 58.5882, 0.3819,
0.3189

 0.1179, 0.8879,
0.1121

 78.6258, 0.3754,
0.3200

 0.0000, 0.0000,
0.0000

 102.7790, 0.3700,
0.3209

131.4320, 0.3654,

0.3217

164.9693, 0.3615,
0.3223

■ 11.9050, 0.4309,
0.3090

■ 11.9050, 0.4309,
0.3090

■ 9.9831, 0.4689,
0.3065

■ 14.3396, 0.3980,
0.3126

■ 8.5353, 0.5105,
0.3058

■ 17.3181, 0.3704,
0.3166

■ 7.5206, 0.5522,
0.3074

■ 20.8714, 0.3478,
0.3207

■ 6.8901, 0.5892,
0.3119

■ 25.0276, 0.3294,
0.3247

■ 6.5483, 0.6150,
0.3162

■ 29.8129, 0.3145,
0.3285

■ 35.2519, 0.3024,
0.3320

■ 41.3681, 0.2926,
0.3352

■ 48.1836, 0.2845,
0.3381

■ 55.7195, 0.2779,
0.3407

Harmonies

Analogous

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



11.9050, 0.3620, 0.2608



11.9050, 0.4309, 0.3090



11.9050, 0.4628, 0.3642

Triad

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



11.9050, 0.4309, 0.3090



11.9050, 0.3255, 0.4645



11.9050, 0.1896, 0.2253

Complementary

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



11.9050, 0.4309, 0.3090



25.0659, 0.2561, 0.3519

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.



11.9050, 0.1827, 0.2650



11.9050, 0.4309, 0.3090



11.9050, 0.2555, 0.4146

Square

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



11.9050, 0.4309, 0.3090



11.9050, 0.3959, 0.4605



11.9050, 0.2046, 0.3342



11.9050, 0.2242, 0.2141

Rectangle

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



11.9050, 0.4309, 0.3090



11.9050, 0.4575, 0.4014



11.9050, 0.2046, 0.3342



11.9050, 0.1842, 0.2351

Sweetspot

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



11.9056, 0.4309, 0.3090



41.1305, 0.3362, 0.3232



12.2999, 0.2999, 0.2023



8.8061, 0.3397, 0.3224



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.



11.9056, 0.4309, 0.3090



17.0728, 0.4766, 0.3062



15.8265, 0.4292, 0.3729



5.8293, 0.3259, 0.3256



5.4337, 0.6135, 0.3153



0.0693, 0.5295, 0.2690

Inverse Universe

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



11.9056, 0.4309, 0.3090



17.0728, 0.4766, 0.3062



18.1186, 0.2379, 0.2781



5.8293, 0.3259, 0.3256



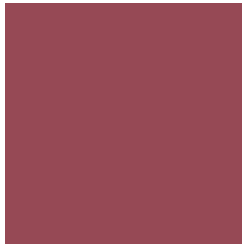
5.4337, 0.6135, 0.3153



0.0693, 0.5295, 0.2690

Previews

White Background



This preview shows how the Yxy color 11.9050, 0.4309, 0.3090 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 11.9050, 0.4309, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

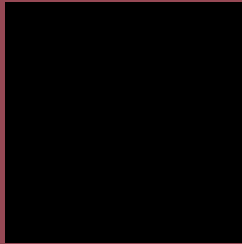
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9050, 0.4309, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 11.9050, 0.4309, 0.3090.



This preview shows how white text looks on a background with the Yxy color 11.9050, 0.4309, 0.3090.

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

11.9050, 0.4309, 0.3090

Protanopia

12.0839, 0.3143, 0.3267

Deuteranopia

12.0593, 0.3598, 0.3554



Tritanopia

11.9461, 0.4416, 0.3210

Trichromacy



Original Color

11.9050, 0.4309, 0.3090

Protanomaly

11.6213, 0.3547, 0.3186

Deuteranomaly

11.7157, 0.3862, 0.3353

Tritanomaly

11.9757, 0.4378, 0.3175

Monochromacy



Original Color

11.9050, 0.4309, 0.3090

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.4828, 0.3513, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9050, 0.4309, 0.3090 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, 73, 85)` looks like.

```
.text, #text, p{  
    color:rgb(150, 73, 85)  
}
```

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, 73, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 73, 85) }
```

Border

The CSS property to change the border of an element to Yxy 11.9050, 0.4309, 0.3090 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, 73, 85) }
```

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

```
.border{ border-color:rgb(150, 73, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 73, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 73, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 73, 85);  
box-shadow:4px 4px 4px 4px rgb(150, 73,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9050, 0.4309, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 73, 85) }
```

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

```
.background{ background-color: rgb(150, 73,  
85) }
```

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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