

Converting Colors

$Y_{xy}(14.9351, 0.4153, 0.3145)$

Have a look what the booklet for
Yxy(14.9351, 0.4153, 0.3145)
contains.

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Color

Yxy(15.0318, 0.4148, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	9F5760
RGB	159, 87, 96
RGB Percent	62%, 34%, 38%
CMY	0.3766, 0.6587, 0.6236
CMYK	0.00, 0.45, 0.40, 0.38
HSL	353°, 29%, 48%
HSV	353°, 45%, 62%
XYZ	19.8131, 15.0318, 12.9206
YIQ	109.5540, 40.0230, 18.0630

Conversions

Conversions Part 2

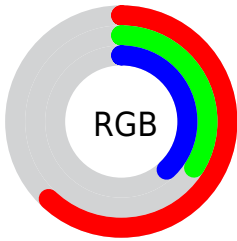
Format	Color
R_{YB}	159, 87, 96
Decimal	10442592
CIE _{Lab}	45.68, 30.61, 8.06
CIE _{LCh}	46, 31.657, 14.750
Yxy	15.0318, 0.4148, 0.3147
Android (android.graphics.Color)	4288632672 (0xFF9F5760)
YUV	109.5540, -6.6821, 43.3641
Hunter-Lab	38.7709, 23.3701, 7.3809

Details

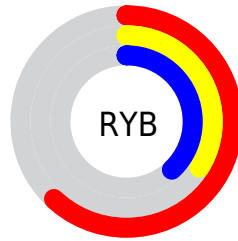
The Yxy color **15.0318, 0.4148, 0.3147** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.0165, 0.2594, 0.3448**, and the grayscale version is **15.4704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8512, 0.3903, 0.3194**, and **4.6846, 0.4641, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **12.5009, 0.4516, 0.3122**, and if you desaturate by 10%, it is **18.1765, 0.3837, 0.3178**.

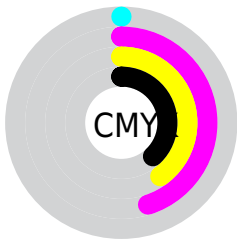
Distribution



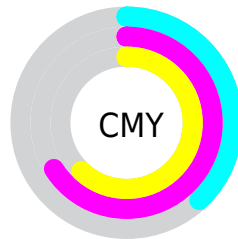
- Red (62%)
- Green (34%)
- Blue (38%)



- Red (62%)
- Yellow (34%)
- Blue (38%)



- Cyan (0%)
- Magenta (45%)
- Yellow (40%)
- Black (38%)





- Cyan (38%)
- Magenta (66%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.0318, 0.4148, 0.3147 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 15.0318, 0.4148, 0.3147 by changing the saturation by 10% instead.


 15.0318, 0.4148,
0.3147


 15.0318, 0.4148,
0.3147


223.5586, 0.3538,
0.3245


 8.8417, 0.4346,
0.3108


 34.9090, 0.3896,
0.3192


 4.6381, 0.4638,
0.3043

 49.3648, 0.3811,
0.3206

 2.0365, 0.5102,
0.2925

 67.3447, 0.3743,
0.3216

 0.6286, 0.6595,
0.2856

 89.2330, 0.3687,
0.3224

 0.0000, 1.0000,
0.0000

 115.4142, 0.3641,
0.3231

 0.0000, 0.0000,
0.0000

146.2726, 0.3601,

0.3237

182.1926, 0.3568,
0.3241

■ 15.0318, 0.4148,
0.3147

■ 15.0318, 0.4148,
0.3147

■ 12.5009, 0.4516,
0.3122

■ 18.1765, 0.3837,
0.3178

■ 10.5415, 0.4931,
0.3109

■ 21.9691, 0.3580,
0.3211

■ 9.1096, 0.5366,
0.3113


■ 26.4440, 0.3371,
0.3243

■ 8.1537, 0.5774,
0.3140

■ 31.6323, 0.3202,
0.3275

■ 7.6082, 0.6101,
0.3187


■ 37.5635, 0.3066,
0.3303

 7.4180, 0.6225,
0.3203

 44.2652, 0.2956,
0.3330

 51.7636, 0.2866,
0.3354

 60.0838, 0.2792,
0.3376

 69.2496, 0.2731,
0.3395

Harmonies

Analogous

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



15.0318, 0.3577, 0.2716



15.0318, 0.4148, 0.3147



15.0318, 0.4409, 0.3636

Triad

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



15.0318, 0.4148, 0.3147



15.0318, 0.3227, 0.4415



15.0318, 0.2064, 0.2389

Complementary

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



15.0318, 0.4148, 0.3147



29.0165, 0.2594, 0.3448

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.



15.0318, 0.1994, 0.2735



15.0318, 0.4148, 0.3147



15.0318, 0.2624, 0.3981

Square

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



15.0318, 0.4148, 0.3147



15.0318, 0.3835, 0.4425



15.0318, 0.2185, 0.3318



15.0318, 0.2381, 0.2291

Rectangle

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



15.0318, 0.4148, 0.3147



15.0318, 0.4363, 0.3956



15.0318, 0.2185, 0.3318



15.0318, 0.2012, 0.2476

Sweetspot

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



15.0326, 0.4148, 0.3147



48.2415, 0.3353, 0.3247



15.7477, 0.3051, 0.2171



10.4775, 0.3391, 0.3240



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



15.0326, 0.4148, 0.3147



22.4897, 0.4507, 0.3123



19.9574, 0.4095, 0.3721



6.6589, 0.3265, 0.3262



5.8648, 0.6209, 0.3194



0.1083, 0.5515, 0.2812

Inverse Universe

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



15.0326, 0.4148, 0.3147



22.4897, 0.4507, 0.3123



21.1929, 0.2449, 0.2803



6.6589, 0.3265, 0.3262



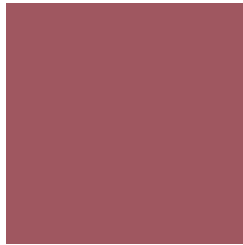
5.8648, 0.6209, 0.3194



0.1083, 0.5515, 0.2812

Previews

White Background



This preview shows how the Yxy color 15.0318, 0.4148, 0.3147 looks on a white background.

Color Contrast Check

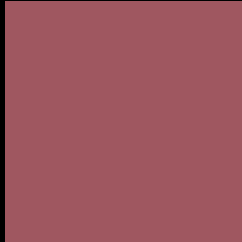
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0318, 0.4148, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

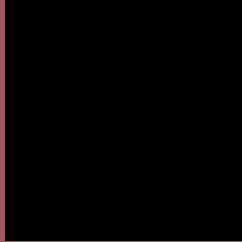
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 15.0318, 0.4148, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 15.0318, 0.4148, 0.3147.



This preview shows how white text looks on a background with the Yxy color 15.0318, 0.4148, 0.3147.

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

15.0318, 0.4148, 0.3147

Protanopia

15.1662, 0.3181, 0.3311

Deuteranopia

15.2534, 0.3583, 0.3529



Tritanopia

14.9955, 0.4182, 0.3179

Trichromacy



Original Color

15.0318, 0.4148, 0.3147

Protanomaly

14.6828, 0.3502, 0.3233

Deuteranomaly

14.8619, 0.3784, 0.3367

Tritanomaly

15.0135, 0.4165, 0.3163

Monochromacy



Original Color

15.0318, 0.4148, 0.3147

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.1119, 0.3466, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0318, 0.4148, 0.3147 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(159, 87, 96)` looks like.

```
.text, #text, p{  
    color:rgb(159, 87, 96)  
}
```

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(159, 87, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 87, 96) }
```

Border

The CSS property to change the border of an element to Yxy 15.0318, 0.4148, 0.3147 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(159, 87, 96) }
```

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

```
.border{ border-color:rgb(159, 87, 96) }
```

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

Here you see how a box with a 4 pixel rgb(159, 87, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 87, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 87, 96);  
box-shadow:4px 4px 4px 4px rgb(159, 87,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0318, 0.4148, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 87, 96) }
```

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

```
.background{ background-color: rgb(159, 87,  
96) }
```

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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