

Converting Colors

$Y_{xy}(15.3737, 0.3934, 0.3066)$

Have a look what the booklet for
Yxy(15.3737, 0.3934, 0.3066)
contains.

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Color

Yxy(15.4502, 0.3932, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	9B5B68
RGB	155, 91, 104
RGB Percent	61%, 36%, 41%
CMY	0.3922, 0.6431, 0.5921
CMYK	0.00, 0.41, 0.33, 0.39
HSL	348°, 26%, 48%
HSV	348°, 41%, 61%
XYZ	19.7562, 15.4502, 15.0382
YIQ	111.6180, 33.9710, 17.6110

Conversions

Conversions Part 2

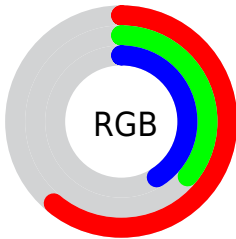
Format	Color
R_{YB}	155, 91, 104
Decimal	10181480
CIE Lab	46.24, 27.89, 3.94
CIE LCh	46, 28.162, 8.037
Yxy	15.4502, 0.3932, 0.3075
Android (android.graphics.Color)	4288371560 (0xFF9B5B68)
YUV	111.6180, -3.7557, 38.0460
Hunter-Lab	39.3067, 20.9300, 4.8312

Details

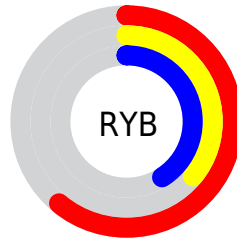
The Yxy color **15.4502, 0.3932, 0.3075** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.6173, 0.2670, 0.3525**, and the grayscale version is **16.0899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5614, 0.3735, 0.3129**, and **4.8479, 0.4328, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **12.8359, 0.4242, 0.3028**, and if you desaturate by 10%, it is **18.6500, 0.3672, 0.3128**.

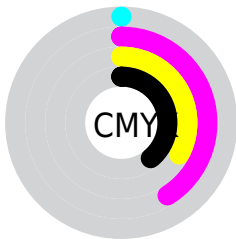
Distribution



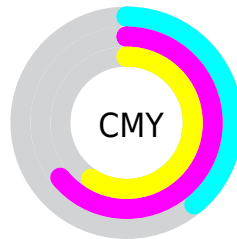
- Red (61%)
- Green (36%)
- Blue (41%)



- Red (61%)
- Yellow (36%)
- Blue (41%)



- Cyan (0%)
- Magenta (41%)
- Yellow (33%)
- Black (39%)





- Cyan (39%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4502, 0.3932, 0.3075 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 15.4502, 0.3932, 0.3075 by changing the saturation by 10% instead.


 15.4502, 0.3932,
0.3075


 15.4502, 0.3932,
0.3075


226.0752, 0.3454,
0.3208

 9.1360, 0.4087,
0.3029


 35.6411, 0.3735,
0.3131


 4.8300, 0.4313,
0.2959

 50.2864, 0.3669,
0.3150

 2.1478, 0.4675,
0.2842

 68.4777, 0.3616,
0.3165

 0.6913, 0.5523,
0.2648

 90.5991, 0.3572,
0.3176

 0.0000, 1.0000,
0.0000

117.0352, 0.3535,
0.3186

 0.0000, 0.0000,
0.0000

148.1703, 0.3504,

0.3195

184.3889, 0.3477,
0.3202

■ 15.4502, 0.3932,
0.3075

■ 15.4502, 0.3932,
0.3075

■ 12.8359, 0.4242,
0.3028

■ 18.6500, 0.3672,
0.3128

■ 10.7694, 0.4600,
0.2993

■ 22.4657, 0.3459,
0.3182

■ 9.2120, 0.4995,
0.2979


■ 26.9281, 0.3285,
0.3235

■ 8.1190, 0.5398,
0.2994

■ 32.0654, 0.3143,
0.3284

■ 7.4378, 0.5766,
0.3044


■ 37.9041, 0.3028,
0.3330

 7.0691, 0.6037,
0.3100

 44.4691, 0.2934,
0.3372

 51.7844, 0.2858,
0.3410

 59.8726, 0.2794,
0.3444

 68.7555, 0.2742,
0.3476

Harmonies

Analogous

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



15.4502, 0.3396, 0.2704



15.4502, 0.3932, 0.3075



15.4502, 0.4236, 0.3512

Triad

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



15.4502, 0.3932, 0.3075



15.4502, 0.3350, 0.4308



15.4502, 0.2142, 0.2541

Complementary

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



15.4502, 0.3932, 0.3075



27.6173, 0.2670, 0.3525

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.



15.4502, 0.2132, 0.2906



15.4502, 0.3932, 0.3075



15.4502, 0.2799, 0.4004

Square

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



15.4502, 0.3932, 0.3075



15.4502, 0.3868, 0.4254



15.4502, 0.2361, 0.3452



15.4502, 0.2381, 0.2398

Rectangle

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



15.4502, 0.3932, 0.3075



15.4502, 0.4251, 0.3803



15.4502, 0.2361, 0.3452



15.4502, 0.2112, 0.2638

Sweetspot

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



15.4510, 0.3932, 0.3075



47.4185, 0.3300, 0.3230



15.5240, 0.2990, 0.2247



10.5071, 0.3319, 0.3224



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



15.4510, 0.3932, 0.3075



23.1189, 0.4232, 0.3029



18.6898, 0.4018, 0.3595



6.2422, 0.3253, 0.3245



5.6834, 0.6018, 0.3089



0.0894, 0.5070, 0.2566

Inverse Universe

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



15.4510, 0.3932, 0.3075



23.1189, 0.4232, 0.3029



22.4433, 0.2523, 0.2956



6.2422, 0.3253, 0.3245



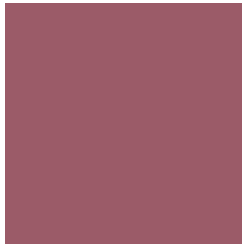
5.6834, 0.6018, 0.3089



0.0894, 0.5070, 0.2566

Previews

White Background



This preview shows how the Yxy color 15.4502, 0.3932, 0.3075 looks on a white background.

Color Contrast Check

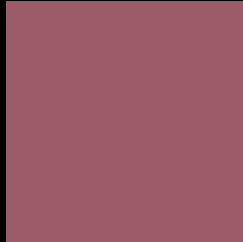
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4502, 0.3932, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

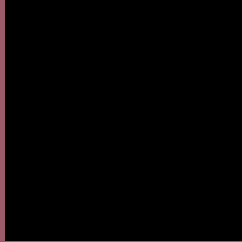
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4502, 0.3932, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 15.4502, 0.3932, 0.3075.



This preview shows how white text looks on a background with the Yxy color 15.4502, 0.3932, 0.3075.

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

15.4502, 0.3932, 0.3075

Protanopia

15.5317, 0.3092, 0.3188

Deuteranopia

15.5327, 0.3451, 0.3390



Tritanopia

15.5237, 0.4008, 0.3175

Trichromacy



Original Color

15.4502, 0.3932, 0.3075

Protanomaly

15.1406, 0.3380, 0.3136

Deuteranomaly

15.4176, 0.3618, 0.3273

Tritanomaly

15.5624, 0.3976, 0.3142

Monochromacy



Original Color

15.4502, 0.3932, 0.3075

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.5940, 0.3404, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4502, 0.3932, 0.3075 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(155, 91, 104)` looks like.

```
.text, #text, p{  
    color:rgb(155, 91, 104)  
}
```

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(155, 91, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 91, 104) }
```

Border

The CSS property to change the border of an element to Yxy 15.4502, 0.3932, 0.3075 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(155, 91, 104) }
```

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

```
.border{ border-color:rgb(155, 91, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 91, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 91, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 91, 104);  
box-shadow:4px 4px 4px 4px rgb(155, 91,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4502, 0.3932, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 91, 104) }
```

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

```
.background{ background-color: rgb(155, 91,  
104) }
```

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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