

Converting Colors

$Y_{xy}(15.9066, 0.4226, 0.3360)$

Have a look what the booklet for
Yxy(15.9066, 0.4226, 0.3360)
contains.

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Color

Yxy(15.9209, 0.4222, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	9F5D59
RGB	159, 93, 89
RGB Percent	62%, 36%, 35%
CMY	0.3764, 0.6353, 0.6509
CMYK	0.00, 0.42, 0.44, 0.38
HSL	3°, 28%, 49%
HSV	3°, 44%, 62%
XYZ	20.0173, 15.9209, 11.4737
YIQ	112.2780, 40.6200, 12.7480

Conversions

Conversions Part 2

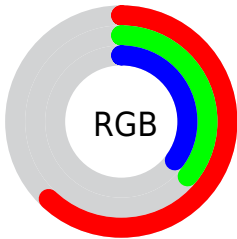
Format	Color
RYB	159, 93, 89
Decimal	10444121
CIELab	46.87, 26.49, 13.93
CIElCh	47, 29.927, 27.742
Yxy	15.9209, 0.4222, 0.3358
Android (android.graphics.Color)	4288634201 (0xFF9F5D59)
YUV	112.2780, -11.4761, 40.9752
Hunter-Lab	39.9010, 19.7220, 10.8817

Details

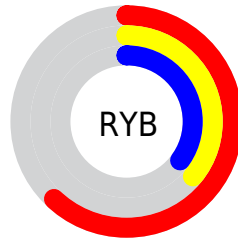
The Yxy color **15.9209, 0.4222, 0.3358** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.0807, 0.2534, 0.3219**, and the grayscale version is **16.3153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4095, 0.3957, 0.3354**, and **5.0619, 0.4730, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **13.3033, 0.4619, 0.3371**, and if you desaturate by 10%, it is **19.1141, 0.3883, 0.3343**.

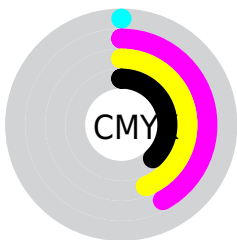
Distribution



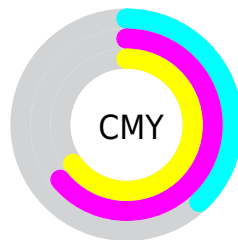
- Red (62%)
- Green (36%)
- Blue (35%)



- Red (62%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (42%)
- Yellow (44%)
- Black (38%)




- Cyan (38%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9209, 0.4222, 0.3358 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 15.9209, 0.4222, 0.3358 by changing the saturation by 10% instead.


 15.9209, 0.4222,
0.3358


 15.9209, 0.4222,
0.3358


228.8745, 0.3572,
0.3339


 9.4682, 0.4430,
0.3351


 36.4608, 0.3955,
0.3358


 5.0478, 0.4731,
0.3331

 51.3168, 0.3865,
0.3355


 2.2753, 0.5200,
0.3272

 69.7428, 0.3792,
0.3352

 0.7606, 0.6617,
0.3383

 92.1230, 0.3732,
0.3349

 0.0000, 1.0000,
0.0000

 118.8418, 0.3682,
0.3347

 0.0000, 0.0000,
0.0000

150.2838, 0.3640,

0.3344

186.8332, 0.3604,
0.3341

■ 15.9209, 0.4222,
0.3358

■ 15.9209, 0.4222,
0.3358

■ 13.3033, 0.4619,
0.3371

■ 19.1141, 0.3883,
0.3343

■ 11.2248, 0.5063,
0.3378

■ 22.9118, 0.3604,
0.3326

■ 9.6485, 0.5517,
0.3377


■ 27.3438, 0.3376,
0.3311


■ 8.5319, 0.5926,
0.3365

■ 32.4371, 0.3191,
0.3296

■ 7.8255, 0.6223,
0.3343

■ 38.2175, 0.3041,
0.3282

 7.5678, 0.6352,
0.3339

 44.7091, 0.2920,
0.3270

 51.9348, 0.2820,
0.3258

 59.9168, 0.2738,
0.3248

 68.6760, 0.2671,
0.3239

Harmonies

Analogous

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



15.9209, 0.3798, 0.2919



15.9209, 0.4222, 0.3358



15.9209, 0.4309, 0.3818

Triad

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



15.9209, 0.4222, 0.3358



15.9209, 0.2972, 0.4196



15.9209, 0.2234, 0.2381

Complementary

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



15.9209, 0.4222, 0.3358



28.0807, 0.2534, 0.3219

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.



15.9209, 0.2065, 0.2607



15.9209, 0.4222, 0.3358



15.9209, 0.2458, 0.3672

Square

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



15.9209, 0.4222, 0.3358



15.9209, 0.3557, 0.4384



15.9209, 0.2140, 0.3065



15.9209, 0.2629, 0.2379

Rectangle

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



15.9209, 0.4222, 0.3358



15.9209, 0.4171, 0.4094



15.9209, 0.2140, 0.3065



15.9209, 0.2151, 0.2430

Sweetspot

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



15.9217, 0.4222, 0.3358



49.6228, 0.3360, 0.3309



16.9035, 0.3222, 0.2285



10.7847, 0.3403, 0.3313



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.



15.9217, 0.4222, 0.3358



23.8255, 0.4619, 0.3371



23.4049, 0.3967, 0.3908



6.7036, 0.3283, 0.3303



5.9980, 0.6345, 0.3344



0.1230, 0.6092, 0.3545

Inverse Universe

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



28.0807, 0.2534, 0.3219



48.4895, 0.2434, 0.3200



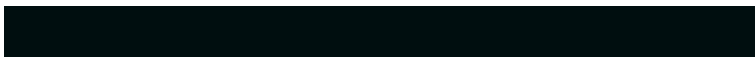
18.1854, 0.2425, 0.2570



7.4449, 0.2988, 0.3277



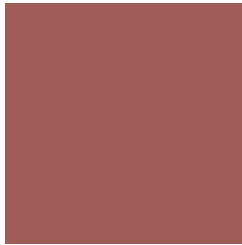
19.2170, 0.2199, 0.3116



0.3611, 0.2220, 0.3190

Previews

White Background



This preview shows how the Yxy color 15.9209, 0.4222, 0.3358 looks on a white background.

Color Contrast Check

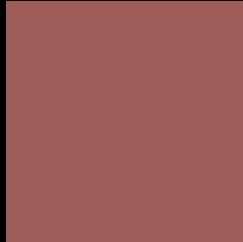
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9209, 0.4222, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

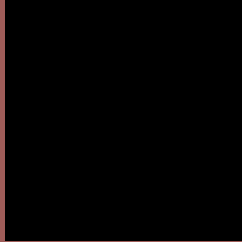
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9209, 0.4222, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 15.9209, 0.4222, 0.3358.

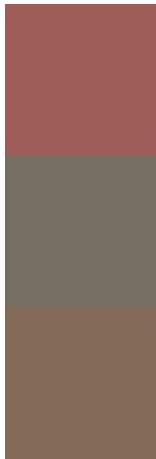


This preview shows how white text looks on a background with the Yxy color 15.9209, 0.4222, 0.3358.

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

15.9209, 0.4222, 0.3358

Protanopia

16.0326, 0.3375, 0.3554

Deuteranopia

16.0288, 0.3746, 0.3675



Tritanopia

16.0097, 0.4097, 0.3195

Trichromacy



Original Color

15.9209, 0.4222, 0.3358

Protanomaly

15.6324, 0.3663, 0.3463

Deuteranomaly

15.8700, 0.3911, 0.3547

Tritanomaly

15.9541, 0.4146, 0.3244

Monochromacy



Original Color

15.9209, 0.4222, 0.3358

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.7698, 0.3485, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9209, 0.4222, 0.3358 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, 93, 89)` looks like.

```
.text, #text, p{  
    color:rgb(159, 93, 89)  
}
```

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, 93, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 93, 89) }
```

Border

The CSS property to change the border of an element to Yxy 15.9209, 0.4222, 0.3358 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, 93, 89) }
```

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

```
.border{ border-color:rgb(159, 93, 89) }
```

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

Here you see how a box with a 4 pixel rgb(159, 93, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 93, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 93, 89);  
box-shadow:4px 4px 4px 4px rgb(159, 93,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9209, 0.4222, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 93, 89) }
```

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

```
.background{ background-color: rgb(159, 93,  
89) }
```

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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