

Converting Colors

$Y_{xy}(15.7170, 0.3919, 0.3195)$

Have a look what the booklet for
Yxy(15.7170, 0.3919, 0.3195)
contains.

Yxy(15.7799, 0.3931, 0.3207)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.7799, 0.3931, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	985F64
RGB	152, 95, 100
RGB Percent	60%, 37%, 39%
CMY	0.4039, 0.6275, 0.6078
CMYK	0.00, 0.38, 0.34, 0.40
HSL	355°, 23%, 48%
HSV	355°, 38%, 60%
XYZ	19.3423, 15.7799, 14.0823
YIQ	112.6130, 32.3670, 13.6390

Conversions

Conversions Part 2

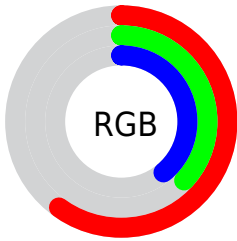
Format	Color
R_{YB}	152, 95, 100
Decimal	9985892
CIE _{Lab}	46.68, 23.91, 6.93
CIE _{LCh}	47, 24.893, 16.173
Yxy	15.7799, 0.3931, 0.3207
Android (android.graphics.Color)	4288175972 (0xFF985F64)
YUV	112.6130, -6.2182, 34.5424
Hunter-Lab	39.7239, 17.3981, 6.7881

Details

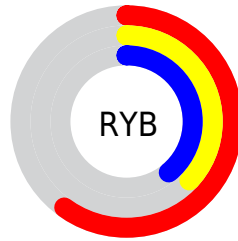
The Yxy color **15.7799, 0.3931, 0.3207** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.9988, 0.2655, 0.3378**, and the grayscale version is **16.4049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.2020, 0.3734, 0.3228**, and **4.9520, 0.4304, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **13.0581, 0.4268, 0.3187**, and if you desaturate by 10%, it is **19.0833, 0.3652, 0.3230**.

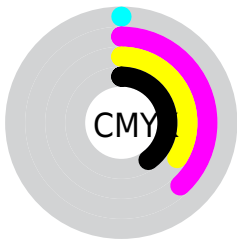
Distribution



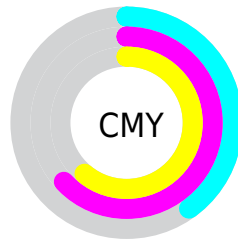
- Red (60%)
- Green (37%)
- Blue (39%)



- Red (60%)
- Yellow (37%)
- Blue (39%)



- Cyan (0%)
- Magenta (38%)
- Yellow (34%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.7799, 0.3931, 0.3207 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 15.7799, 0.3931, 0.3207 by changing the saturation by 10% instead.


 15.7799, 0.3931,
0.3207


 15.7799, 0.3931,
0.3207


228.0394, 0.3454,
0.3265


 9.3685, 0.4085,
0.3183


 36.2157, 0.3734,
0.3234


 4.9823, 0.4312,
0.3144

 51.0089, 0.3668,
0.3242

 2.2369, 0.4673,
0.3072

 69.3648, 0.3615,
0.3248

 0.7400, 0.5636,
0.3044

 91.6679, 0.3571,
0.3253

 0.0000, 1.0000,
0.0000

118.3025, 0.3535,
0.3257

 0.0000, 0.0000,
0.0000

149.6530, 0.3504,

0.3260

186.1039, 0.3477,
0.3263

■ 15.7799, 0.3931,
0.3207

■ 15.7799, 0.3931,
0.3207

■ 13.0581, 0.4268,
0.3187

■ 19.0833, 0.3652,
0.3230

■ 10.8821, 0.4662,
0.3172

■ 22.9968, 0.3425,
0.3253

■ 9.2157, 0.5098,
0.3166


■ 27.5500, 0.3241,
0.3275

■ 8.0173, 0.5541,
0.3175


■ 32.7695, 0.3093,
0.3295


■ 7.2389, 0.5934,
0.3199


■ 38.6808, 0.2973,
0.3314


 6.7984, 0.6224,
0.3232

 45.3078, 0.2876,
0.3331

 6.7061, 0.6283,
0.3235

 52.6734, 0.2796,
0.3346

 60.7994, 0.2731,
0.3360

 69.7068, 0.2677,
0.3373

Harmonies

Analogous

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



15.7799, 0.3504, 0.2851



15.7799, 0.3931, 0.3207



15.7799, 0.4123, 0.3603

Triad

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



15.7799, 0.3931, 0.3207



15.7799, 0.3196, 0.4133



15.7799, 0.2289, 0.2575

Complementary

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



15.7799, 0.3931, 0.3207



26.9988, 0.2655, 0.3378

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.



15.7799, 0.2224, 0.2852



15.7799, 0.3931, 0.3207



15.7799, 0.2722, 0.3793

Square

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



15.7799, 0.3931, 0.3207



15.7799, 0.3673, 0.4178



15.7799, 0.2374, 0.3298



15.7799, 0.2558, 0.2495

Rectangle

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



15.7799, 0.3931, 0.3207



15.7799, 0.4085, 0.3852



15.7799, 0.2374, 0.3298



15.7799, 0.2244, 0.2645

Sweetspot

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



15.7807, 0.3931, 0.3207



45.5062, 0.3305, 0.3267



16.5909, 0.3094, 0.2369



10.1161, 0.3327, 0.3264



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



15.7807, 0.3931, 0.3207



23.7612, 0.4209, 0.3190



20.4129, 0.3867, 0.3677



6.2310, 0.3270, 0.3271



5.6245, 0.6273, 0.3229



0.0861, 0.5721, 0.2925

Inverse Universe

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



15.7807, 0.3931, 0.3207



23.7612, 0.4209, 0.3190



20.4547, 0.2558, 0.2864



6.2310, 0.3270, 0.3271



5.6245, 0.6273, 0.3229



0.0861, 0.5721, 0.2925

Previews

White Background



This preview shows how the Yxy color 15.7799, 0.3931, 0.3207 looks on a white background.

Color Contrast Check

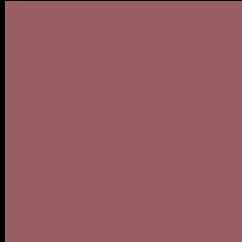
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7799, 0.3931, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

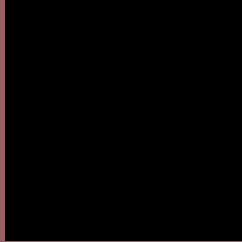
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 15.7799, 0.3931, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 15.7799, 0.3931, 0.3207.



This preview shows how white text looks on a background with the Yxy color 15.7799, 0.3931, 0.3207.

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

15.7799, 0.3931, 0.3207

Protanopia

16.0290, 0.3205, 0.3351

Deuteranopia

15.9093, 0.3533, 0.3466



Tritanopia

15.8191, 0.3899, 0.3173

Trichromacy



Original Color

15.7799, 0.3931, 0.3207

Protanomaly

15.7123, 0.3457, 0.3291

Deuteranomaly

15.8356, 0.3668, 0.3366

Tritanomaly

15.7994, 0.3915, 0.3190

Monochromacy



Original Color

15.7799, 0.3931, 0.3207

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.9028, 0.3398, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7799, 0.3931, 0.3207 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(152, 95, 100)` looks like.

```
.text, #text, p{  
    color:rgb(152, 95, 100)  
}
```

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(152, 95, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 95, 100) }
```

Border

The CSS property to change the border of an element to Yxy 15.7799, 0.3931, 0.3207 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(152, 95, 100) }
```

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

```
.border{ border-color:rgb(152, 95, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 95, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 95, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 95, 100);  
box-shadow:4px 4px 4px 4px rgb(152, 95,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7799, 0.3931, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 95, 100) }
```

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

```
.background{ background-color: rgb(152, 95,  
100) }
```

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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