

Converting Colors

XYZ(15.8571, 14.3929, 14.9800)

Have a look what the booklet for
XYZ(15.8571, 14.3929, 14.9800)
contains.

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Color

**XYZ(15.9196, 14.4020,
15.0375)**

Conversions

Conversions Part 1

Format	Color
Hex	816268
RGB	129, 98, 104
RGB Percent	51%, 38%, 41%
CMY	0.4941, 0.6157, 0.5922
CMYK	0.00, 0.24, 0.19, 0.49
HSL	348°, 14%, 45%
HSV	348°, 24%, 51%
XYZ	15.9196, 14.4020, 15.0375
YIQ	107.9530, 16.5500, 8.4380

Conversions

Conversions Part 2

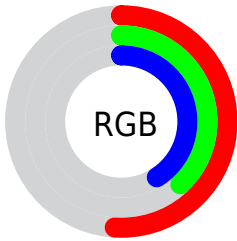
Format	Color
R_{YB}	129, 98, 104
Decimal	8479336
CIE Lab	44.80, 13.53, 1.45
CIE LCh	45, 13.606, 6.138
Yxy	14.4020, 0.3510, 0.3175
Android (android.graphics.Color)	4286669416 (0xFF816268)
YUV	107.9530, -1.9488, 18.4582
Hunter-Lab	37.9500, 8.4664, 3.0716

Details

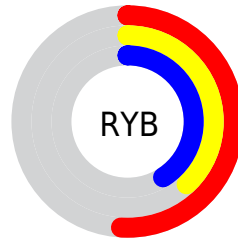
The XYZ color **15.9196, 14.4020, 15.0375** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.4630, 19.7275, 21.6799**, and the grayscale version is **14.2431, 14.9848, 16.3185**.

A 20% lighter version of the original color is **35.9552, 33.8065, 35.6406**, and **5.1468, 4.3253, 4.4345** is the 20% darker color. If you saturate the color by 10%, you get **14.3122, 11.9814, 12.0533**, and if you desaturate by 10%, it is **17.7875, 17.2391, 18.4307**.

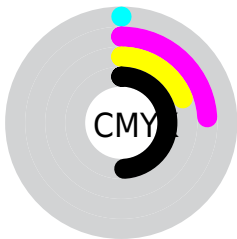
Distribution



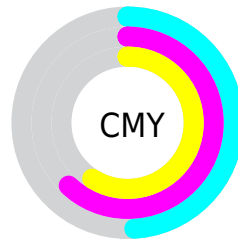
- Red (51%)
- Green (38%)
- Blue (41%)



- Red (51%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (24%)
- Yellow (19%)
- Black (49%)



- Cyan (49%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9196, 14.4020, 15.0375 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 XYZ color 15.9196, 14.4020, 15.0375 by changing the saturation by 10% instead.

■ 15.9196, 14.4020,
15.0375

■ 15.9196, 14.4020,
15.0375

222.1466,
219.7175, 235.2417

■ 9.5578, 8.4008,
8.6988

■ 36.0171, 33.8006,
35.6622

■ 5.1667, 4.3525,
4.4511

■ 50.4836, 47.9668,
50.7852

■ 2.3812, 1.8726,
1.8759

■ 68.3822, 65.6235,
69.6735

■ 0.8357, 0.5318,
0.4774

■ 90.0785, 87.1550,
92.7455

■ 0.0000, 0.0000,
0.0000

115.9377,
112.9458, 120.4198

146.3252,

143.3802, 153.1149

181.6064,
178.8427, 191.2493

■ 15.9196, 14.4020,
15.0375

■ 15.9196, 14.4020,
15.0375

■ 14.3122, 11.9814,
12.0533

■ 17.7875, 17.2391,
18.4307

■ 12.9526, 9.9557,
9.4616

■ 19.9258, 20.5090,
22.2466

■ 11.8285, 8.3046,
7.2461

■ 22.3450, 24.2296,
26.4995

■ 10.9262, 7.0048,
5.3891

■ 25.0550, 28.4170,
31.2028

■ 10.2306, 6.0308,
3.8713

■ 28.0650, 33.0866,
36.3692

■ 9.7246, 5.3531,
2.6716

■ 31.3840, 38.2532,
42.0109

■ 9.3865, 4.9342,
1.7659

■ 35.0203, 43.9310,
48.1398

■ 9.2283, 4.7371,
1.3453

■ 38.9821, 50.1333,
54.7672

■ 43.2774, 56.8732,
61.9042

Harmonies

Analogous

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



15.7323, 14.4020, 18.2831



15.9196, 14.4020, 15.0375



15.4835, 14.4020, 12.3493

Triad

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



15.9196, 14.4020, 15.0375



12.4695, 14.4020, 11.2493



12.8442, 14.4020, 21.9539

Complementary

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



15.9196, 14.4020, 15.0375



16.4630, 19.7275, 21.6799

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.



12.0382, 14.4020, 19.5646



15.9196, 14.4020, 15.0375



11.8301, 14.4020, 13.3389

Square

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



15.9196, 14.4020, 15.0375



13.4620, 14.4020, 10.3605



11.6766, 14.4020, 16.3433



13.9179, 14.4020, 22.5688

Rectangle

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



15.9196, 14.4020, 15.0375



14.9112, 14.4020, 11.1382



11.6766, 14.4020, 16.3433



12.5348, 14.4020, 21.3173

Sweetspot

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



15.9200, 14.4027, 15.0378



34.4287, 34.8055, 37.6128



16.4704, 14.5173, 22.7029



7.7539, 7.8186, 8.4444



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.9200, 14.4027, 15.0378



26.8262, 23.2524, 23.8208



16.5473, 16.1276, 13.7970



4.3592, 4.3568, 4.6958



8.9990, 4.6193, 1.3184



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9200, 14.4027, 15.0378



26.8262, 23.2524, 23.8208



15.6804, 17.5430, 23.3286



4.3592, 4.3568, 4.6958



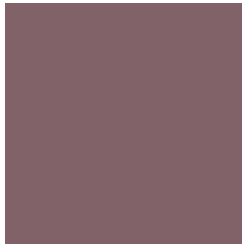
8.9990, 4.6193, 1.3184



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9196, 14.4020, 15.0375 looks on a white background.

Color Contrast Check

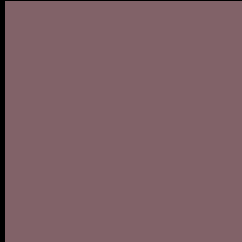
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 15.9196, 14.4020, 15.0375 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](#).

XYZ 15.9196, 14.4020, 15.0375

Background



This preview shows how black text looks on a background with the XYZ color 15.9196, 14.4020, 15.0375.



This preview shows how white text looks on a background with the XYZ color 15.9196, 14.4020,

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

15.9196, 14.4020, 15.0375

Protanopia

13.9242, 14.5166, 16.2555

Deuteranopia

14.7696, 14.5313, 14.8583



Tritanopia

15.9707, 14.4224, 15.3067

Trichromacy



Original Color

15.9196, 14.4020, 15.0375

Protanomaly

14.5743, 14.4069, 15.9226

Deuteranomaly

15.1279, 14.4242, 14.8188

Tritanomaly

15.9707, 14.4224, 15.3067

Monochromacy



Original Color

15.9196, 14.4020, 15.0375

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.8066, 14.6752, 15.9621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9196, 14.4020, 15.0375 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(129, 98, 104)` looks like.

```
.text, #text, p{  
    color:rgb(129, 98, 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(129, 98, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 98, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.9196, 14.4020, 15.0375 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(129, 98, 104) }
```


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

```
.border{ border-color:rgb(129, 98, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 98, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 98, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 98, 104);  
box-shadow:4px 4px 4px 4px rgb(129, 98,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9196, 14.4020, 15.0375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 98, 104) }
```

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

```
.background{ background-color: rgb(129, 98,  
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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