

Converting Colors

XYZ(14.8153, 14.1145, 9.8466)

Have a look what the booklet for
XYZ(14.8153, 14.1145, 9.8466)
contains.

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Color

**XYZ(14.8869, 14.1221,
9.9238)**

Conversions

Conversions Part 1

Format	Color
Hex	806352
RGB	128, 99, 82
RGB Percent	50%, 39%, 32%
CMY	0.4980, 0.6118, 0.6784
CMYK	0.00, 0.23, 0.36, 0.50
HSL	22°, 22%, 41%
HSV	22°, 36%, 50%
XYZ	14.8869, 14.1221, 9.9238
YIQ	105.7330, 22.7410, 0.8610

Conversions

Conversions Part 2

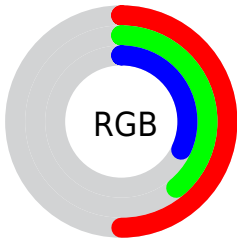
Format	Color
R_{YB}	128, 109, 82
Decimal	8414034
CIE _{Lab}	44.41, 9.14, 14.15
CIE _{LCh}	44, 16.843, 57.122
Yxy	14.1221, 0.3824, 0.3627
Android (android.graphics.Color)	4286604114 (0xFF806352)
YUV	105.7330, -11.7004, 19.5282
Hunter-Lab	37.5794, 4.9480, 10.6485

Details

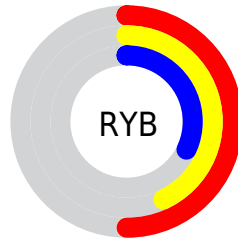
The XYZ color **14.8869, 14.1221, 9.9238** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.0601, 14.7205, 22.5750**, and the grayscale version is **13.6535, 14.3645, 15.6430**.

A 20% lighter version of the original color is **34.2945, 33.3965, 26.1114**, and **4.7038, 4.2093, 2.3148** is the 20% darker color. If you saturate the color by 10%, you get **13.7180, 12.4924, 7.3512**, and if you desaturate by 10%, it is **16.2238, 15.9423, 13.0011**.

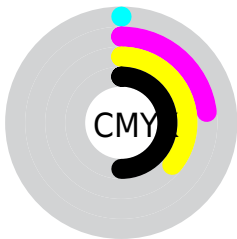
Distribution



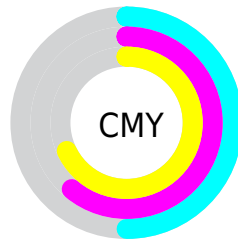
- Red (50%)
- Green (39%)
- Blue (32%)



- Red (50%)
- Yellow (43%)
- Blue (32%)



- Cyan (0%)
- Magenta (23%)
- Yellow (36%)
- Black (50%)





- Cyan (50%)
- Magenta (61%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8869, 14.1221, 9.9238 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 14.8869, 14.1221, 9.9238 by changing the saturation by 10% instead.


 14.8869, 14.1221,
9.9238


 14.8869, 14.1221,
9.9238


216.0826,
217.9891, 200.5924


 8.8258, 8.2056,
5.2435


 34.2279, 33.3055,
26.2576


 4.6840, 4.2268,
2.3296

 48.2386, 47.3413,
38.7483


 2.0959, 1.8012,
0.7477

 65.6299, 64.8522,
54.6795

 0.6870, 0.4879,
0.0000

 86.7671, 86.2228,
74.4697

 0.0000, 0.0000,
0.0000

 112.0157,
111.8374, 98.5376

141.7408,

142.0804, 127.3017

176.3080,
177.3361, 161.1804

■ 14.8869, 14.1221,
9.9238

■ 14.8869, 14.1221,
9.9238

■ 13.7180, 12.4924,
7.3512

■ 16.2238, 15.9423,
13.0011

■ 12.7088, 11.0447,
5.2550

■ 17.7344, 17.9570,
16.6075

■ 11.8516, 9.7728,
3.6054

■ 19.4256, 20.1730,
20.7670

■ 11.1379, 8.6692,
2.3689

■ 21.3033, 22.5956,
25.5016

■ 10.5578, 7.7260,
1.5071

■ 23.3733, 25.2303,
30.8324

■ 10.0966, 6.9327,
0.9553

■ 25.6412, 28.0823,
36.7792

■ 9.9312, 6.6474,
0.7596

■ 28.1122, 31.1565,
43.3610

■ 30.7914, 34.4578,
50.5959

■ 33.6836, 37.9907,
58.5014

Harmonies

Analogous

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



15.8771, 14.1221, 12.2202



14.8869, 14.1221, 9.9238



13.5538, 14.1221, 9.0645

Triad

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



14.8869, 14.1221, 9.9238



10.9855, 14.1221, 15.0050



14.6455, 14.1221, 23.0178

Complementary

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



14.8869, 14.1221, 9.9238



13.0601, 14.7205, 22.5750

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.



13.2923, 14.1221, 24.0954



14.8869, 14.1221, 9.9238



11.2352, 14.1221, 19.0344

Square

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



14.8869, 14.1221, 9.9238



11.3517, 14.1221, 11.6720



12.0577, 14.1221, 22.5311



15.7312, 14.1221, 19.7922

Rectangle

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



14.8869, 14.1221, 9.9238



12.6703, 14.1221, 9.2923



12.0577, 14.1221, 22.5311



14.2042, 14.1221, 23.6646

Sweetspot

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



14.8873, 14.1228, 9.9241



32.5787, 33.3990, 32.5467



14.7960, 11.7745, 16.5704



7.5509, 7.7190, 7.4319



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.



14.8873, 14.1228, 9.9241



24.5312, 22.5284, 13.7578



17.3682, 19.0847, 10.7511



4.4479, 4.5844, 4.5706



9.8487, 6.5939, 0.7537



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.0601, 14.7205, 22.5750



20.8166, 23.7317, 39.4398



10.8767, 10.3538, 21.8472



4.3169, 4.6279, 5.4790



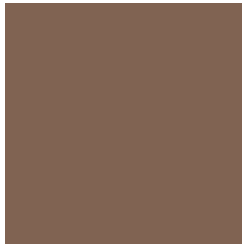
6.7594, 7.3372, 21.3099



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8869, 14.1221, 9.9238 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 14.8869, 14.1221, 9.9238 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 14.8869, 14.1221, 9.9238

Background



This preview shows how black text looks on a background with the XYZ color 14.8869, 14.1221, 9.9238.



This preview shows how white text looks on a background with the XYZ color 14.8869, 14.1221,

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

14.8869, 14.1221, 9.9238

Protanopia

13.3734, 14.2038, 10.6311

Deuteranopia

14.3450, 14.1275, 9.9535



Tritanopia

15.8370, 14.0908, 14.7171

Trichromacy



Original Color

14.8869, 14.1221, 9.9238

Protanomaly

13.9217, 14.1921, 10.3931

Deuteranomaly

14.5376, 14.0835, 9.9348

Tritanomaly

15.3935, 14.0427, 12.7257

Monochromacy



Original Color

14.8869, 14.1221, 9.9238

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.9473, 14.1410, 13.3036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8869, 14.1221, 9.9238 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(128, 99, 82) looks like.

```
.text, #text, p{  
    color:rgb(128, 99, 82)  
}
```

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(128, 99, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 99, 82) }
```

Border

The CSS property to change the border of an element to XYZ 14.8869, 14.1221, 9.9238 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(128, 99, 82) }
```


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

```
.border{ border-color:rgb(128, 99, 82) }
```

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

Here you see how a box with a 4 pixel rgb(128, 99, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 99, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 99, 82);  
box-shadow:4px 4px 4px 4px rgb(128, 99,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8869, 14.1221, 9.9238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 99, 82) }
```

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

```
.background{ background-color: rgb(128, 99,  
82) }
```

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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