

Converting Colors

XYZ(19.0903, 14.6592, 14.9914)

Have a look what the booklet for
XYZ(19.0903, 14.6592, 14.9914)
contains.

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Color

**XYZ(19.0438, 14.5882,
14.9088)**

Conversions

Conversions Part 1

Format	Color
Hex	995768
RGB	153, 87, 104
RGB Percent	60%, 34%, 41%
CMY	0.4000, 0.6588, 0.5922
CMYK	0.00, 0.43, 0.32, 0.40
HSL	345°, 27%, 47%
HSV	345°, 43%, 60%
XYZ	19.0438, 14.5882, 14.9088
YIQ	108.6720, 33.8790, 19.2790

Conversions

Conversions Part 2

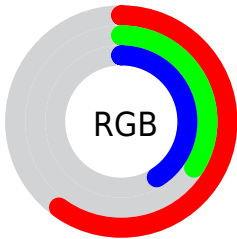
Format	Color
R_{YB}	153, 87, 104
Decimal	10049384
CIE _{Lab}	45.06, 29.37, 2.20
CIE _{LCh}	45, 29.449, 4.285
Yxy	14.5882, 0.3923, 0.3005
Android (android.graphics.Color)	4288239464 (0xFF995768)
YUV	108.6720, -2.3033, 38.8757
Hunter-Lab	38.1945, 22.1598, 3.5930

Details

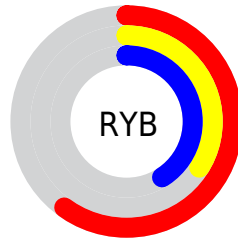
The XYZ color **19.0438, 14.5882, 14.9088** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7664, 26.5867, 27.3840**, and the grayscale version is **14.4430, 15.1952, 16.5475**.

A 20% lighter version of the original color is **41.2994, 34.0988, 35.4154**, and **6.7196, 4.4558, 4.3768** is the 20% darker color. If you saturate the color by 10%, you get **17.3951, 12.1529, 11.7017**, and if you desaturate by 10%, it is **21.0336, 17.5811, 18.6135**.

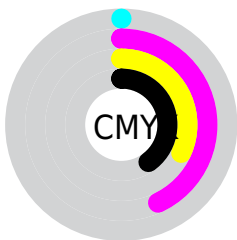
Distribution



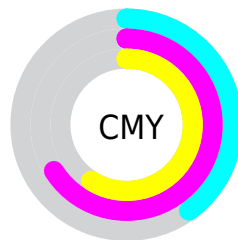
- Red (60%)
- Green (34%)
- Blue (41%)



- Red (60%)
- Yellow (34%)
- Blue (41%)



- Cyan (0%)
- Magenta (43%)
- Yellow (32%)
- Black (40%)



- Cyan (40%)
- Magenta (66%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0438, 14.5882, 14.9088 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 19.0438, 14.5882, 14.9088 by changing the saturation by 10% instead.

■ 19.0438, 14.5882,
14.9088

■ 19.0438, 14.5882,
14.9088

239.6239,
220.8600, 234.4353

■ 11.8061, 8.5309,
8.6095

■ 41.3244, 34.1291,
35.4331

■ 6.6831, 4.4365,
4.3940

■ 57.0980, 48.3815,
50.4953

■ 3.3092, 1.9206,
1.8439

■ 76.4477, 66.1344,
69.3154

■ 1.3193, 0.5607,
0.4567

■ 99.7387, 87.7722,
92.3121

■ 0.1976, 0.0000,
0.0000

■ 127.3365,
113.6792, 119.9039

■ 0.0000, 0.0000,
0.0000

159.6064,

144.2400, 152.5093

196.9138,
179.8387, 190.5469

■ 19.0438, 14.5882,
14.9088

■ 19.0438, 14.5882,
14.9088

■ 17.3951, 12.1529,
11.7017

■ 21.0336, 17.5811,
18.6135

■ 16.0666, 10.2383,
8.9694

■ 23.3814, 21.1612,
22.8354

■ 15.0365, 8.8066,
6.6887

■ 26.1046, 25.3585,
27.5939

■ 14.2801, 7.8137,
4.8339

■ 29.2189, 30.2003,
32.9074

■ 13.7682, 7.2073,
3.3762

■ 32.7392, 35.7124,
38.7931

■ 13.5099, 6.9215,
2.5786

■ 36.6796, 41.9189,
45.2678

■ 41.0533, 48.8430,
52.3472

■ 45.8734, 56.5067,
60.0468

■ 51.1519, 64.9310,
68.3813

Harmonies

Analogous

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



18.4957, 14.5882, 22.3977



19.0438, 14.5882, 14.9088



18.0775, 14.5882, 9.4966

Triad

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



19.0438, 14.5882, 14.9088



11.4057, 14.5882, 7.2202



11.9427, 14.5882, 31.1736

Complementary

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



19.0438, 14.5882, 14.9088



19.7664, 26.5867, 27.3840

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.



10.3648, 14.5882, 24.6376



19.0438, 14.5882, 14.9088



10.0810, 14.5882, 10.7742

Square

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



19.0438, 14.5882, 14.9088



13.5208, 14.5882, 5.9551



9.7231, 14.5882, 16.9010



14.2163, 14.5882, 33.2280

Rectangle

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



19.0438, 14.5882, 14.9088



16.7638, 14.5882, 7.3336



9.7231, 14.5882, 16.9010



11.3224, 14.5882, 29.3502

Sweetspot

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



19.0442, 14.5889, 14.9091



46.6864, 45.3152, 49.3072



19.2147, 14.3013, 31.8848



10.0759, 9.6458, 10.4844



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.0442, 14.5889, 14.9091



31.1811, 21.8060, 21.0132



19.6485, 17.0428, 11.2717



6.2708, 6.2475, 6.8064



11.1777, 5.7253, 2.1946



0.1803, 0.0909, 0.1023

Inverse Universe

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



19.0442, 14.5889, 14.9091



31.1811, 21.8060, 21.0132



18.7121, 22.3891, 33.4724



6.2708, 6.2475, 6.8064



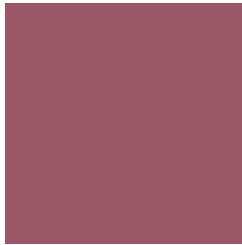
11.1777, 5.7253, 2.1946



0.1803, 0.0909, 0.1023

Previews

White Background



This preview shows how the XYZ color 19.0438, 14.5882, 14.9088 looks on a white background.

Color Contrast Check

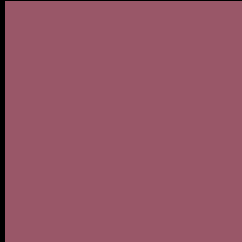
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0438, 14.5882, 14.9088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

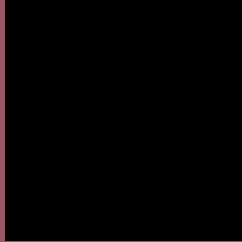
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.0438, 14.5882, 14.9088

Background



This preview shows how black text looks on a background with the XYZ color 19.0438, 14.5882, 14.9088.



This preview shows how white text looks on a background with the XYZ color 19.0438, 14.5882,

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

19.0438, 14.5882, 14.9088

Protanopia

14.3120, 14.6717, 18.2973

Deuteranopia

14.9449, 14.6332, 14.3487



Tritanopia

18.5868, 14.6464, 12.6739

Trichromacy



Original Color

19.0438, 14.5882, 14.9088

Protanomaly

15.6433, 14.3565, 16.9855

Deuteranomaly

16.1887, 14.4142, 14.4994

Tritanomaly

18.6432, 14.5367, 13.3785

Monochromacy



Original Color

19.0438, 14.5882, 14.9088

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.7650, 14.7289, 15.9220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0438, 14.5882, 14.9088 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(153, 87, 104)` looks like.

```
.text, #text, p{  
    color:rgb(153, 87, 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(153, 87, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 87, 104) }
```

Border

The CSS property to change the border of an element to XYZ 19.0438, 14.5882, 14.9088 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(153, 87, 104) }
```


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

```
.border{ border-color:rgb(153, 87, 104) }
```

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

Here you see how a box with a 4 pixel rgb(153, 87, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 87, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 87, 104);  
box-shadow:4px 4px 4px 4px rgb(153, 87,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0438, 14.5882, 14.9088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 87, 104) }
```

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

```
.background{ background-color: rgb(153, 87,  
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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