

Converting Colors

XYZ(18.9158, 16.0722, 9.5024)

Have a look what the booklet for
XYZ(18.9158, 16.0722, 9.5024)
contains.

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Color

**XYZ(18.9158, 16.0722,
9.5024)**

Conversions

Conversions Part 1

Format	Color
Hex	99624F
RGB	153, 98, 79
RGB Percent	60%, 38%, 31%
CMY	0.4000, 0.6157, 0.6902
CMYK	0.00, 0.36, 0.48, 0.40
HSL	15°, 32%, 45%
HSV	15°, 48%, 60%
XYZ	18.9158, 16.0722, 9.5024
YIQ	112.2790, 38.8790, 5.7510

Conversions

Conversions Part 2

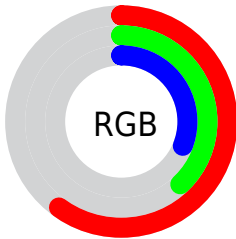
Format	Color
R_{YB}	153, 105, 79
Decimal	10052175
CIE Lab	47.07, 20.07, 20.03
CIE LCh	47, 28.354, 44.936
Yxy	16.0722, 0.4252, 0.3613
Android (android.graphics.Color)	4288242255 (0xFF99624F)
YUV	112.2790, -16.4065, 35.7123
Hunter-Lab	40.0901, 14.0642, 14.0098

Details

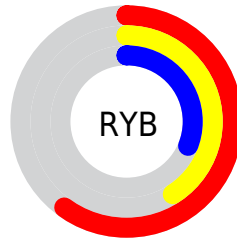
The XYZ color **18.9158, 16.0722, 9.5024** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.4988, 21.0112, 33.2701**, and the grayscale version is **15.5222, 16.3306, 17.7840**.

A 20% lighter version of the original color is **40.9382, 36.6087, 25.3306**, and **6.6181, 5.1358, 2.1559** is the 20% darker color. If you saturate the color by 10%, you get **17.4323, 13.8963, 6.5694**, and if you desaturate by 10%, it is **20.6795, 18.6033, 13.1615**.

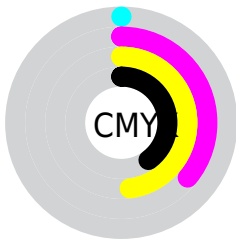
Distribution



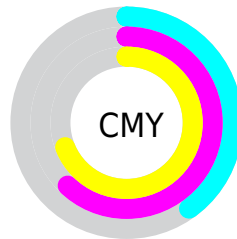
- Red (60%)
- Green (38%)
- Blue (31%)



- Red (60%)
- Yellow (41%)
- Blue (31%)



- Cyan (0%)
- Magenta (36%)
- Yellow (48%)
- Black (40%)





- Cyan (40%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.9158, 16.0722, 9.5024 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 18.9158, 16.0722, 9.5024 by changing the saturation by 10% instead.


 18.9158, 16.0722,
9.5024


 18.9158, 16.0722,
9.5024


238.9306,
229.7674, 197.4368


 11.7131, 9.5753,
4.9690


 41.1097, 36.7235,
25.4483


 6.6194, 5.1183,
2.1707


 56.8317, 51.6467,
37.6979


 3.2695, 2.3168,
0.6574

 76.1241, 70.1473,
53.3566

 1.2978, 0.7826,
0.0000

 99.3524, 92.6099,
72.8431

 0.1816, 0.0000,
0.0000

 126.8818,
119.4188, 96.5758

 0.0000, 0.0000,
0.0000

159.0777,

150.9584, 124.9733

196.3055,
187.6132, 158.4541

■ 18.9158, 16.0722,
9.5024

■ 18.9158, 16.0722,
9.5024

■ 17.4323, 13.8963,
6.5694

■ 20.6795, 18.6033,
13.1615

■ 16.2125, 12.0569,
4.3126

■ 22.7361, 21.5025,
17.5902

■ 15.2400, 10.5373,
2.6769

■ 25.0992, 24.7846,
22.8298

■ 14.4957, 9.3181,
1.5983

■ 27.7810, 28.4633,
28.9183

■ 13.9486, 8.3741,
0.9530

■ 30.7931, 32.5512,
35.8913

■ 13.8719, 8.2425,
0.8598

■ 34.1464, 37.0607,
43.7822

■ 37.8513, 42.0035,
52.6229

■ 41.9179, 47.3907,
62.4437

■ 46.3556, 53.2333,
73.2734

Harmonies

Analogous

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



20.3756, 16.0722, 14.2035



18.9158, 16.0722, 9.5024



16.5524, 16.0722, 7.3301

Triad

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



18.9158, 16.0722, 9.5024



11.1098, 16.0722, 14.1777



16.5415, 16.0722, 34.3388

Complementary

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



18.9158, 16.0722, 9.5024



17.4988, 21.0112, 33.2701

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.



14.0672, 16.0722, 34.3264



18.9158, 16.0722, 9.5024



11.1075, 16.0722, 21.2705

Square

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



18.9158, 16.0722, 9.5024



12.1426, 16.0722, 9.4880



12.1361, 16.0722, 29.0588



18.9071, 16.0722, 29.0893

Rectangle

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



18.9158, 16.0722, 9.5024



14.8686, 16.0722, 7.0976



12.1361, 16.0722, 29.0588



15.6911, 16.0722, 34.9882

Sweetspot

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



18.9162, 16.0730, 9.5027



46.3625, 46.3320, 44.0675



20.2709, 14.0996, 24.3906



10.0402, 9.9594, 9.2861



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.



18.9162, 16.0730, 9.5027



31.0323, 24.6082, 11.4072



23.1424, 24.5255, 10.9115



6.3314, 6.4678, 6.5206



11.4888, 6.8600, 0.7186



0.1979, 0.1548, 0.0194

Inverse Universe

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



17.4988, 21.0112, 33.2701



28.1511, 34.4604, 59.1398



13.2953, 12.6044, 31.8689



6.2503, 6.7579, 7.9039



9.7258, 11.8483, 26.6820



0.1739, 0.2341, 0.4084

Previews

White Background



This preview shows how the XYZ color 18.9158, 16.0722, 9.5024 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 18.9158, 16.0722, 9.5024 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 18.9158, 16.0722, 9.5024

Background



This preview shows how black text looks on a background with the XYZ color 18.9158, 16.0722, 9.5024.



This preview shows how white text looks on a background with the XYZ color 18.9158, 16.0722,

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

18.9158, 16.0722, 9.5024

Protanopia

15.1796, 16.2373, 10.9284

Deuteranopia

16.4288, 16.1195, 9.2667



Tritanopia

20.0081, 16.1123, 14.6258

Trichromacy



Original Color

18.9158, 16.0722, 9.5024

Protanomaly

16.3347, 16.0455, 10.4198

Deuteranomaly

17.3100, 16.1134, 9.4056

Tritanomaly

19.5297, 16.0439, 12.6571

Monochromacy



Original Color

18.9158, 16.0722, 9.5024

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.3103, 15.9475, 14.2751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9158, 16.0722, 9.5024 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, 98, 79)` looks like.

```
.text, #text, p{  
    color:rgb(153, 98, 79)  
}
```

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, 98, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 98, 79) }
```

Border

The CSS property to change the border of an element to XYZ 18.9158, 16.0722, 9.5024 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, 98, 79) }
```


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

```
.border{ border-color:rgb(153, 98, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 98, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 98, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 98, 79);  
box-shadow:4px 4px 4px 4px rgb(153, 98,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9158, 16.0722, 9.5024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 98, 79) }
```

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

```
.background{ background-color: rgb(153, 98,  
79) }
```

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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