

Converting Colors

XYZ(18.9203, 16.5365, 19.5256)

Have a look what the booklet for
XYZ(18.9203, 16.5365, 19.5256)
contains.

XYZ(18.9952, 16.6079, 19.6572)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.9952, 16.6079,
19.6572)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6777
RGB	140, 103, 119
RGB Percent	55%, 40%, 47%
CMY	0.4510, 0.5961, 0.5333
CMYK	0.00, 0.26, 0.15, 0.45
HSL	334°, 15%, 48%
HSV	334°, 26%, 55%
XYZ	18.9952, 16.6079, 19.6572
YIQ	115.8870, 16.9160, 12.8200

Conversions

Conversions Part 2

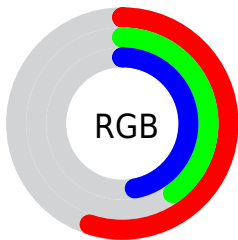
Format	Color
R_{YB}	140, 103, 119
Decimal	9201527
CIE _{Lab}	47.76, 17.49, -3.10
CIE _{LCh}	48, 17.765, 349.946
Yxy	16.6079, 0.3437, 0.3005
Android (android.graphics.Color)	4287391607 (0xFF8C6777)
YUV	115.8870, 1.5347, 21.1471
Hunter-Lab	40.7528, 11.8829, -0.0717

Details

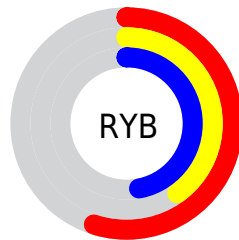
The XYZ color **18.9952, 16.6079, 19.6572** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6104, 23.0953, 22.5469**, and the grayscale version is **16.5581, 17.4204, 18.9708**.

A 20% lighter version of the original color is **41.1544, 37.5208, 43.6012**, and **6.6713, 5.4071, 6.6533** is the 20% darker color. If you saturate the color by 10%, you get **17.2602, 13.8698, 16.8219**, and if you desaturate by 10%, it is **21.0043, 19.8299, 22.7811**.

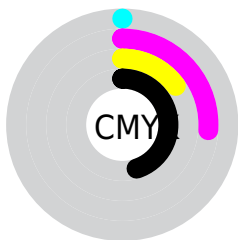
Distribution



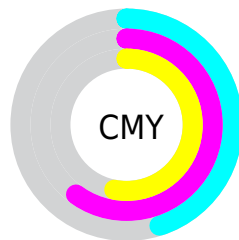
- Red (55%)
- Green (40%)
- Blue (47%)



- Red (55%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (26%)
- Yellow (15%)
- Black (45%)



- Cyan (45%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9952, 16.6079, 19.6572 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 18.9952, 16.6079, 19.6572 by changing the saturation by 10% instead.

■ 18.9952, 16.6079,
19.6572

■ 18.9952, 16.6079,
19.6572

239.3609,
232.9026, 262.5958

■ 11.7708, 9.9553,
11.9645

■ 41.2429, 37.6504,
43.6931

■ 6.6589, 5.3694,
6.5973

■ 56.9970, 52.8091,
60.8734

■ 3.2941, 2.4656,
3.1369

■ 76.3249, 71.5719,
82.0533

■ 1.3111, 0.8593,
1.1650

■ 99.5921, 94.3234,
107.6513

■ 0.1915, 0.0000,
0.0000

127.1640,
121.4478, 138.0860

■ 0.0000, 0.0000,
0.0000

159.4058,

153.3295, 173.7760

196.6830,
190.3530, 215.1398

■ 18.9952, 16.6079,
19.6572

■ 18.9952, 16.6079,
19.6572

■ 17.2602, 13.8698,
16.8219

■ 21.0043, 19.8299,
22.7811

■ 15.7851, 11.5896,
14.2653

■ 23.2978, 23.5554,
26.2012

■ 14.5571, 9.7425,
11.9781

■ 25.8871, 27.8058,
29.9259

■ 13.5610, 8.3004,
9.9502

■ 28.7827, 32.6005,
33.9630

■ 12.7802, 7.2318,
8.1706

■ 31.9945, 37.9581,
38.3201

■ 12.1958, 6.5004,
6.6273

■ 35.5319, 43.8960,
43.0044

■ 11.7772, 6.0472,
5.3042

■ 39.4040, 50.4311,
48.0229

■ 11.6450, 5.9074,
4.8758

■ 43.6196, 57.5795,
53.3822

■ 48.1869, 65.3568,
59.0891

Harmonies

Analogous

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



18.2461, 16.6079, 24.3315



18.9952, 16.6079, 19.6572



18.8411, 16.6079, 15.2545

Triad

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



18.9952, 16.6079, 19.6572



14.7640, 16.6079, 11.0309



13.8963, 16.6079, 25.6576

Complementary

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



18.9952, 16.6079, 19.6572



18.6104, 23.0953, 22.5469

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.



13.0792, 16.6079, 21.2416



18.9952, 16.6079, 19.6572



13.5563, 16.6079, 13.0082

Square

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



18.9952, 16.6079, 19.6572



16.3257, 16.6079, 10.7519



12.9591, 16.6079, 16.5955



15.2569, 16.6079, 28.1613

Rectangle

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



18.9952, 16.6079, 19.6572



18.2502, 16.6079, 13.0183



12.9591, 16.6079, 16.5955



13.5530, 16.6079, 24.3160

Sweetspot

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



18.9957, 16.6087, 19.6575



40.3334, 40.3190, 45.1048



17.8919, 15.8775, 26.9326



9.1615, 9.0750, 10.1979



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.9957, 16.6087, 19.6575



31.5232, 26.1674, 31.4747



18.3632, 16.7540, 15.0990



5.1168, 5.0822, 5.7035



10.3567, 5.2528, 4.3828



0.0759, 0.0377, 0.0666

Inverse Universe

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



18.9957, 16.6087, 19.6575



31.5232, 26.1674, 31.4747



19.3493, 22.8207, 28.1960



5.1168, 5.0822, 5.7035



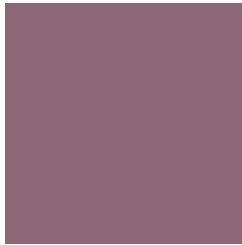
10.3567, 5.2528, 4.3828



0.0759, 0.0377, 0.0666

Previews

White Background



This preview shows how the XYZ color 18.9952, 16.6079, 19.6572 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 18.9952, 16.6079, 19.6572 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 18.9952, 16.6079, 19.6572

Background



This preview shows how black text looks on a background with the XYZ color 18.9952, 16.6079, 19.6572.



This preview shows how white text looks on a background with the XYZ color 18.9952, 16.6079,

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

18.9952, 16.6079, 19.6572

Protanopia

16.2889, 16.7357, 21.7738

Deuteranopia

17.0143, 16.6708, 19.4606



Tritanopia

18.5224, 16.5594, 17.5493

Trichromacy



Original Color

18.9952, 16.6079, 19.6572

Protanomaly

17.0698, 16.5049, 21.0250

Deuteranomaly

17.5810, 16.4905, 19.3959

Tritanomaly

18.6923, 16.6274, 18.4439

Monochromacy



Original Color

18.9952, 16.6079, 19.6572

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.3528, 17.0132, 19.1989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9952, 16.6079, 19.6572 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(140, 103, 119)` looks like.

```
.text, #text, p{  
    color:rgb(140, 103, 119)  
}
```

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(140, 103, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 103, 119) }
```

Border

The CSS property to change the border of an element to XYZ 18.9952, 16.6079, 19.6572 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(140, 103, 119) }
```


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

```
.border{ border-color:rgb(140, 103, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 103, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 103, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 103, 119);  
box-shadow:4px 4px 4px 4px rgb(140, 103,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9952, 16.6079, 19.6572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 103, 119) }
```

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

```
.background{ background-color: rgb(140,  
103, 119) }
```

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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