

Converting Colors

XYZ(19.0127, 15.8102, 17.5680)

Have a look what the booklet for
XYZ(19.0127, 15.8102, 17.5680)
contains.

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Color

**XYZ(19.1094, 15.8526,
17.6755)**

Conversions

Conversions Part 1

Format	Color
Hex	926171
RGB	146, 97, 113
RGB Percent	57%, 38%, 44%
CMY	0.4274, 0.6196, 0.5569
CMYK	0.00, 0.34, 0.23, 0.43
HSL	340°, 20%, 48%
HSV	340°, 34%, 57%
XYZ	19.1094, 15.8526, 17.6755
YIQ	113.4750, 24.0680, 15.3640

Conversions

Conversions Part 2

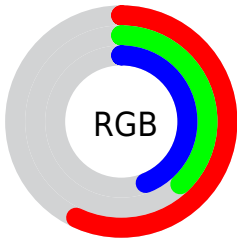
Format	Color
R_{YB}	146, 97, 113
Decimal	9593201
CIE Lab	46.78, 22.31, -0.86
CIE LCh	47, 22.325, 357.792
Yxy	15.8526, 0.3630, 0.3012
Android (android.graphics.Color)	4287783281 (0xFF926171)
YUV	113.4750, -0.2342, 28.5244
Hunter-Lab	39.8153, 15.9944, 1.5497

Details

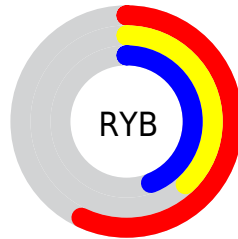
The XYZ color **19.1094, 15.8526, 17.6755** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.2386, 24.7113, 24.8760**, and the grayscale version is **15.8333, 16.6578, 18.1404**.

A 20% lighter version of the original color is **41.4688, 36.3139, 40.4210**, and **6.7108, 5.0425, 5.6206** is the 20% darker color. If you saturate the color by 10%, you get **17.3586, 13.1893, 14.5070**, and if you desaturate by 10%, it is **21.1694, 19.0380, 21.2434**.

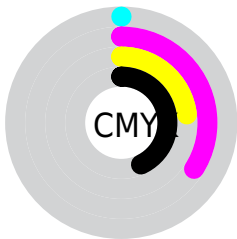
Distribution



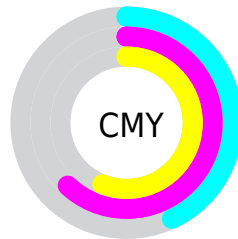
- Red (57%)
- Green (38%)
- Blue (44%)



- Red (57%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (34%)
- Yellow (23%)
- Black (43%)



- Cyan (43%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1094, 15.8526, 17.6755 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 19.1094, 15.8526, 17.6755 by changing the saturation by 10% instead.

■ 19.1094, 15.8526,
17.6755

■ 19.1094, 15.8526,
17.6755

239.9786,
228.4704, 251.2100

■ 11.8538, 9.4199,
10.5502

■ 41.4343, 36.3421,
40.2900

■ 6.7157, 5.0161,
5.6549

■ 57.2344, 51.1677,
56.6164

■ 3.3297, 2.2567,
2.5710

■ 76.6133, 69.5598,
76.8469

■ 1.3304, 0.7506,
0.8775

■ 99.9365, 91.9027,
101.4000

■ 0.2058, 0.0000,
0.0000

127.5692,
118.5808, 130.6944

■ 0.0000, 0.0000,
0.0000

159.8769,

149.9785, 165.1485

197.2249,
186.4802, 205.1808

■ 19.1094, 15.8526,
17.6755

■ 19.1094, 15.8526,
17.6755

■ 17.3586, 13.1893,
14.5070

■ 21.1694, 19.0380,
21.2434

■ 15.9000, 11.0178,
11.7224

■ 23.5517, 22.7691,
25.2235

■ 14.7173, 9.3081,
9.3064

■ 26.2702, 27.0710,
29.6292

■ 13.7916, 8.0261,
7.2424

■ 29.3377, 31.9663,
34.4731

■ 13.1016, 7.1327,
5.5121

■ 32.7660, 37.4765,
39.7669

■ 12.6221, 6.5815,
4.0953

■ 36.5667, 43.6220,
45.5223

■ 12.3808, 6.3217,
3.3282

■ 40.7508, 50.4223,
51.7503

■ 45.3286, 57.8960,
58.4616

■ 50.3103, 66.0610,
65.6664

Harmonies

Analogous

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



18.4481, 15.8526, 23.6018



19.1094, 15.8526, 17.6755



18.6130, 15.8526, 12.7446

Triad

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



19.1094, 15.8526, 17.6755



13.3947, 15.8526, 9.4318



13.1659, 15.8526, 27.9660

Complementary

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



19.1094, 15.8526, 17.6755



19.2386, 24.7113, 24.8760

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.



12.0034, 15.8526, 22.7347



19.1094, 15.8526, 17.6755



12.1273, 15.8526, 12.1713

Square

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



19.1094, 15.8526, 17.6755



15.2115, 15.8526, 8.6371



11.6398, 15.8526, 16.8526



14.9242, 15.8526, 30.2833

Rectangle

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



19.1094, 15.8526, 17.6755



17.7141, 15.8526, 10.4970



11.6398, 15.8526, 16.8526



12.6984, 15.8526, 26.4416

Sweetspot

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



19.1098, 15.8533, 17.6758



43.0904, 42.6005, 47.0212



18.6185, 15.3450, 29.1749



9.4565, 9.2727, 10.2493



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.1098, 15.8533, 17.6758



31.4192, 24.4709, 27.0605



19.0809, 17.1119, 13.6074



5.8742, 5.8448, 6.4438



10.9045, 5.5669, 2.9782



0.1459, 0.0731, 0.1021

Inverse Universe

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



19.1098, 15.8533, 17.6758



31.4192, 24.4709, 27.0605



19.1832, 22.7464, 30.5738



5.8742, 5.8448, 6.4438



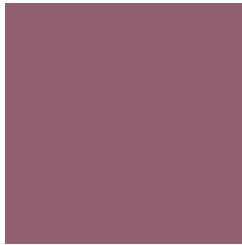
10.9045, 5.5669, 2.9782



0.1459, 0.0731, 0.1021

Previews

White Background



This preview shows how the XYZ color 19.1094, 15.8526, 17.6755 looks on a white background.

Color Contrast Check

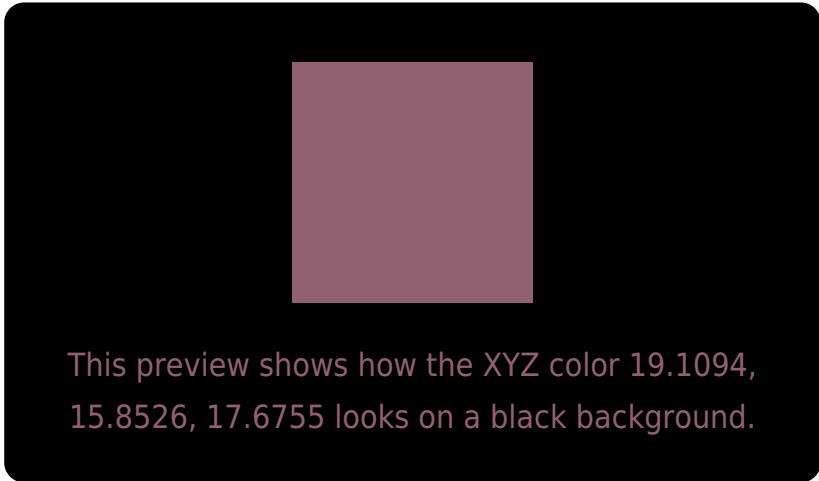
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 19.1094, 15.8526, 17.6755

Background



This preview shows how black text looks on a background with the XYZ color 19.1094, 15.8526, 17.6755.



This preview shows how white text looks on a background with the XYZ color 19.1094, 15.8526,

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

19.1094, 15.8526, 17.6755

Protanopia

15.5660, 16.0644, 20.3695

Deuteranopia

16.2578, 16.0104, 17.2724



Tritanopia

18.6463, 15.7957, 15.7018

Trichromacy



Original Color

19.1094, 15.8526, 17.6755

Protanomaly

16.5924, 15.8270, 19.3199

Deuteranomaly

17.2350, 15.8958, 17.4890

Tritanomaly

18.8051, 15.8592, 16.5380

Monochromacy



Original Color

19.1094, 15.8526, 17.6755

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.6958, 16.0676, 17.8442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1094, 15.8526, 17.6755 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(146, 97, 113)` looks like.

```
.text, #text, p{  
    color:rgb(146, 97, 113)  
}
```

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(146, 97, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 97, 113) }
```

Border

The CSS property to change the border of an element to XYZ 19.1094, 15.8526, 17.6755 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(146, 97, 113) }
```


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

```
.border{ border-color:rgb(146, 97, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 97, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 97, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 97, 113);  
box-shadow:4px 4px 4px 4px rgb(146, 97,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1094, 15.8526, 17.6755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 97, 113) }
```

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

```
.background{ background-color: rgb(146, 97,  
113) }
```

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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