

Converting Colors

XYZ(19.1481, 17.1165, 20.7069)

Have a look what the booklet for
XYZ(19.1481, 17.1165, 20.7069)
contains.

XYZ(19.1481, 17.1165, 20.7069)	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(19.1481, 17.1165,
20.7069)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6A7A
RGB	138, 106, 122
RGB Percent	54%, 42%, 48%
CMY	0.4588, 0.5843, 0.5216
CMYK	0.00, 0.23, 0.12, 0.46
HSL	330°, 13%, 48%
HSV	330°, 23%, 54%
XYZ	19.1481, 17.1165, 20.7069
YIQ	117.3920, 13.9360, 11.7600

Conversions

Conversions Part 2

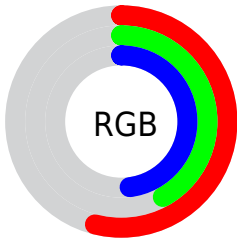
Format	Color
R_{YB}	138, 106, 122
Decimal	9071226
CIE _{Lab}	48.41, 15.50, -3.97
CIE _{LCh}	48, 15.997, 345.639
Yxy	17.1165, 0.3361, 0.3004
Android (android.graphics.Color)	4287261306 (0xFF8A6A7A)
YUV	117.3920, 2.2717, 18.0732
Hunter-Lab	41.3721, 10.2134, -0.7144

Details

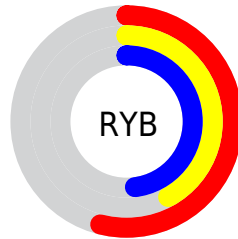
The XYZ color **19.1481, 17.1165, 20.7069** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.5459, 22.6467, 21.8073**, and the grayscale version is **17.0207, 17.9071, 19.5009**.

A 20% lighter version of the original color is **41.4352, 38.3764, 45.2679**, and **6.7402, 5.5819, 7.0255** is the 20% darker color. If you saturate the color by 10%, you get **17.4264, 14.3330, 18.0979**, and if you desaturate by 10%, it is **21.1301, 20.3714, 23.5529**.

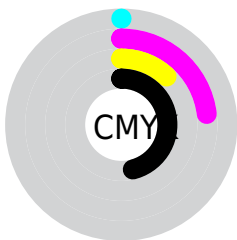
Distribution



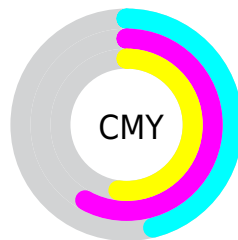
- Red (54%)
- Green (42%)
- Blue (48%)



- Red (54%)
- Yellow (42%)
- Blue (48%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (46%)



- Cyan (46%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1481, 17.1165, 20.7069 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 19.1481, 17.1165, 20.7069 by changing the saturation by 10% instead.

■ 19.1481, 17.1165,
20.7069

■ 19.1481, 17.1165,
20.7069

240.1876,
235.8428, 268.4464

■ 11.8820, 10.3176,
12.7208

■ 41.4991, 38.5260,
45.4737

■ 6.7350, 5.6100,
7.1081

■ 57.3148, 53.9053,
63.0914

■ 3.3418, 2.6094,
3.4503

■ 76.7110, 72.9136,
84.7567

■ 1.3370, 0.9314,
1.3289

■ 100.0531, 95.9352,
110.8882

■ 0.2106, 0.0000,
0.0853

127.7064,
123.3545, 141.9043

■ 0.0000, 0.0000,
0.0000

160.0364,

155.5560, 178.2237

197.4083,
192.9240, 220.2649

■ 19.1481, 17.1165,
20.7069

■ 19.1481, 17.1165,
20.7069

■ 17.4264, 14.3330,
18.0979

■ 21.1301, 20.3714,
23.5529

■ 15.9518, 11.9966,
15.7178

■ 23.3816, 24.1161,
26.6413

■ 14.7125, 10.0840,
13.5597

■ 25.9133, 28.3707,
29.9789

■ 13.6949, 8.5691,
11.6158

■ 28.7349, 33.1536,
33.5717

■ 12.8837, 7.4229,
9.8775

■ 31.8555, 38.4821,
37.4254

■ 12.2619, 6.6123,
8.3355

■ 35.2839, 44.3730,
41.5458

■ 11.8092, 6.0978,
6.9796

■ 39.0284, 50.8422,
45.9382

■ 11.5553, 5.8329,
6.1461

■ 43.0971, 57.9048,
50.6078

■ 47.4978, 65.5757,
55.5599

Harmonies

Analogous

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



18.3634, 17.1165, 24.8546



19.1481, 17.1165, 20.7069



19.1300, 17.1165, 16.5489

Triad

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



19.1481, 17.1165, 20.7069



15.5223, 17.1165, 11.9070



14.3806, 17.1165, 25.0089

Complementary

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



19.1481, 17.1165, 20.7069



18.5459, 22.6467, 21.8073

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.



13.7080, 17.1165, 20.8936



19.1481, 17.1165, 20.7069



14.3397, 17.1165, 13.5537

Square

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



19.1481, 17.1165, 20.7069



16.9763, 17.1165, 11.8725



13.6935, 17.1165, 16.7098



15.5811, 17.1165, 27.5792

Rectangle

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



19.1481, 17.1165, 20.7069



18.6630, 17.1165, 14.3268



13.6935, 17.1165, 16.7098



14.0885, 17.1165, 23.7350

Sweetspot

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



19.1486, 17.1173, 20.7073



39.5828, 39.7867, 44.7501



17.7682, 16.2815, 26.2511



8.8363, 8.8542, 9.9799



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.1486, 17.1173, 20.7073



32.0540, 27.4153, 33.9596



18.2374, 16.7528, 15.9090



5.1303, 5.0876, 5.7747



10.6019, 5.3509, 5.6739



0.0778, 0.0385, 0.0765

Inverse Universe

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



19.1486, 17.1173, 20.7073



32.0540, 27.4153, 33.9596



19.6203, 23.0765, 27.4650



5.1303, 5.0876, 5.7747



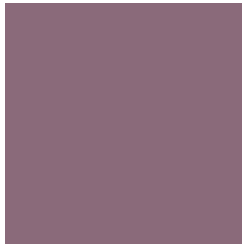
10.6019, 5.3509, 5.6739



0.0778, 0.0385, 0.0765

Previews

White Background



This preview shows how the XYZ color 19.1481, 17.1165, 20.7069 looks on a white background.

Color Contrast Check

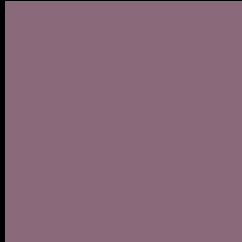
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1481, 17.1165, 20.7069 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 19.1481, 17.1165, 20.7069

Background



This preview shows how black text looks on a background with the XYZ color 19.1481, 17.1165, 20.7069.



This preview shows how white text looks on a background with the XYZ color 19.1481, 17.1165,

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

19.1481, 17.1165, 20.7069

Protanopia

16.7875, 17.1443, 22.5031

Deuteranopia

17.5575, 17.2539, 20.4941



Tritanopia

18.6687, 17.0716, 18.5308

Trichromacy



Original Color

19.1481, 17.1165, 20.7069

Protanomaly

17.5545, 17.0605, 21.7698

Deuteranomaly

18.0804, 17.1995, 20.4560

Tritanomaly

18.8442, 17.1418, 19.4550

Monochromacy



Original Color

19.1481, 17.1165, 20.7069

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.6923, 17.5021, 19.8985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1481, 17.1165, 20.7069 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(138, 106, 122)` looks like.

```
.text, #text, p{  
    color:rgb(138, 106, 122)  
}
```

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(138, 106, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 106, 122) }
```

Border

The CSS property to change the border of an element to XYZ 19.1481, 17.1165, 20.7069 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(138, 106, 122) }
```


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

```
.border{ border-color:rgb(138, 106, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 106, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 106, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 106, 122);  
box-shadow:4px 4px 4px 4px rgb(138, 106,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1481, 17.1165, 20.7069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 106, 122) }
```

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

```
.background{ background-color: rgb(138,  
106, 122) }
```

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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