

Converting Colors

XYZ(19.3282, 18.2698, 18.9812)

Have a look what the booklet for
XYZ(19.3282, 18.2698, 18.9812)
contains.

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Color

**XYZ(19.2631, 18.1677,
19.0144)**

Conversions

Conversions Part 1

Format	Color
Hex	897074
RGB	137, 112, 116
RGB Percent	54%, 44%, 45%
CMY	0.4627, 0.5608, 0.5451
CMYK	0.00, 0.18, 0.15, 0.46
HSL	350°, 10%, 49%
HSV	350°, 18%, 54%
XYZ	19.2631, 18.1677, 19.0144
YIQ	119.9310, 13.6160, 6.5440

Conversions

Conversions Part 2

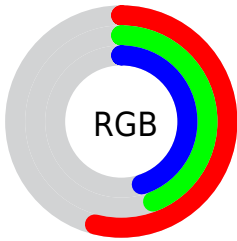
Format	Color
R_{YB}	137, 112, 116
Decimal	9007220
CIE _{Lab}	49.70, 10.51, 1.48
CIE _{LCh}	50, 10.616, 8.033
Yxy	18.1677, 0.3413, 0.3219
Android (android.graphics.Color)	4287197300 (0xFF897074)
YUV	119.9310, -1.9380, 14.9695
Hunter-Lab	42.6236, 6.0792, 3.3872

Details

The XYZ color **19.2631, 18.1677, 19.0144** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.8622, 23.0300, 25.5899**, and the grayscale version is **17.8339, 18.7627, 20.4326**.

A 20% lighter version of the original color is **41.8292, 40.4544, 42.6496**, and **6.8073, 6.1104, 6.2895** is the 20% darker color. If you saturate the color by 10%, you get **17.2365, 15.1202, 15.2380**, and if you desaturate by 10%, it is **21.6037, 21.7101, 23.3052**.

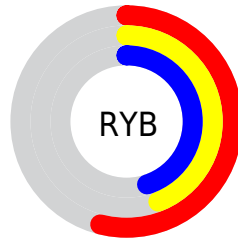
Distribution



Red (54%)

Green (44%)

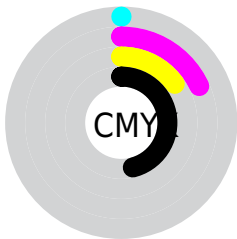
Blue (45%)



Red (54%)

Yellow (44%)

Blue (45%)

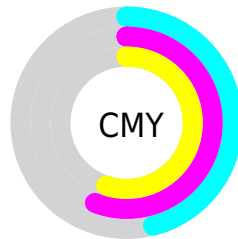


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (46%)



Cyan (46%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2631, 18.1677, 19.0144 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 19.2631, 18.1677, 19.0144 by changing the saturation by 10% instead.

■ 19.2631, 18.1677,
19.0144

■ 19.2631, 18.1677,
19.0144

240.8077,
241.8146, 258.9536

■ 11.9657, 11.0705,
11.5038

■ 41.6916, 40.3229,
42.5955

■ 6.7923, 6.1142,
6.2883

■ 57.5535, 56.1496,
59.5030

■ 3.3777, 2.9147,
2.9496

■ 77.0008, 75.6549,
80.3798

■ 1.3565, 1.0873,
1.0689

■ 100.3990, 99.2233,
105.6446

■ 0.2249, 0.0000,
0.0000

128.1135,
127.2390, 135.7158

■ 0.0000, 0.0000,
0.0000

160.5095,

160.0865, 171.0120

197.9525,
198.1503, 211.9518

■ 19.2631, 18.1677,
19.0144

■ 19.2631, 18.1677,
19.0144

■ 17.2365, 15.1202,
15.2380

■ 21.6037, 21.7101,
23.3052

■ 15.5090, 12.5431,
11.9554

■ 24.2694, 25.7654,
28.1276

■ 14.0667, 10.4138,
9.1465

■ 27.2725, 30.3539,
33.4994

■ 12.8941, 8.7065,
6.7892

■ 30.6244, 35.4940,
39.4372

■ 11.9742, 7.3931,
4.8597

■ 34.3357, 41.2031,
45.9568

■ 11.2879, 6.4418,
3.3319

■ 38.4168, 47.4980,
53.0737

■ 10.8133, 5.8160,
2.1769

■ 42.8775, 54.3947,
60.8025

■ 10.5068, 5.4362,
1.3556

■ 47.7273, 61.9086,
69.1574

■ 10.4605, 5.3760,
1.2407

■ 52.9754, 70.0547,
78.1522

Harmonies

Analogous

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



19.1322, 18.1677, 21.9358



19.2631, 18.1677, 19.0144



18.8431, 18.1677, 16.5488

Triad

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



19.2631, 18.1677, 19.0144



16.0987, 18.1677, 15.7162



16.5515, 18.1677, 25.4009

Complementary

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



19.2631, 18.1677, 19.0144



19.8622, 23.0300, 25.5899

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.



15.7829, 18.1677, 23.4100



19.2631, 18.1677, 19.0144



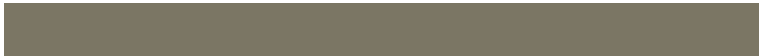
15.5287, 18.1677, 17.7731

Square

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



19.2631, 18.1677, 19.0144



16.9979, 18.1677, 14.7695



15.4154, 18.1677, 20.5690



17.5407, 18.1677, 25.8157

Rectangle

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



19.2631, 18.1677, 19.0144



18.3166, 18.1677, 15.4283



15.4154, 18.1677, 20.5690



16.2600, 18.1677, 24.8851

Sweetspot

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



19.2636, 18.1685, 19.0148



40.1211, 41.0549, 44.3389



19.9567, 18.3684, 26.1607



8.9359, 9.1125, 9.8305



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.



19.2636, 18.1685, 19.0148



32.8912, 30.1162, 31.0739



19.9984, 20.0022, 18.1371



5.0634, 5.0608, 5.4223



9.7471, 5.0089, 1.1725



0.0683, 0.0347, 0.0265

Inverse Universe

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



19.2636, 18.1685, 19.0148



32.8912, 30.1162, 31.0739



19.0046, 20.8644, 26.6927



5.0634, 5.0608, 5.4223



9.7471, 5.0089, 1.1725



0.0683, 0.0347, 0.0265

Previews

White Background



This preview shows how the XYZ color 19.2631, 18.1677, 19.0144 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 19.2631, 18.1677, 19.0144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

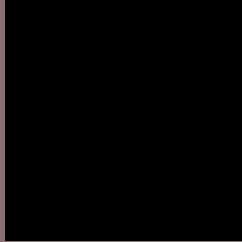
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2631, 18.1677, 19.0144

Background



This preview shows how black text looks on a background with the XYZ color 19.2631, 18.1677, 19.0144.



This preview shows how white text looks on a background with the XYZ color 19.2631, 18.1677,

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

19.2631, 18.1677, 19.0144

Protanopia

17.5539, 18.2818, 20.0563

Deuteranopia

18.5298, 18.1209, 19.0441



Tritanopia

19.5558, 18.1282, 20.2377

Trichromacy



Original Color

19.2631, 18.1677, 19.0144

Protanomaly

18.1196, 18.2344, 19.7041

Deuteranomaly

18.7304, 18.0578, 19.0213

Tritanomaly

19.4954, 18.1041, 19.9197

Monochromacy



Original Color

19.2631, 18.1677, 19.0144

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.2952, 18.4901, 20.0574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2631, 18.1677, 19.0144 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(137, 112, 116)` looks like.

```
.text, #text, p{  
    color:rgb(137, 112, 116)  
}
```

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(137, 112, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 112, 116) }
```

Border

The CSS property to change the border of an element to XYZ 19.2631, 18.1677, 19.0144 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(137, 112, 116) }
```


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

```
.border{ border-color:rgb(137, 112, 116) }
```

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

Here you see how a box with a 4 pixel rgb(137, 112, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 112, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 112, 116);  
box-shadow:4px 4px 4px 4px rgb(137, 112,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2631, 18.1677, 19.0144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 112, 116) }
```

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

```
.background{ background-color: rgb(137,  
112, 116) }
```

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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