

Converting Colors

XYZ(19.7532, 17.1422, 14.1858)

Have a look what the booklet for
XYZ(19.7532, 17.1422, 14.1858)
contains.

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Color

**XYZ(19.6801, 17.0854,
14.0649)**

Conversions

Conversions Part 1

Format	Color
Hex	966763
RGB	150, 103, 99
RGB Percent	59%, 40%, 39%
CMY	0.4118, 0.5961, 0.6118
CMYK	0.00, 0.31, 0.34, 0.41
HSL	5°, 20%, 49%
HSV	5°, 34%, 59%
XYZ	19.6801, 17.0854, 14.0649
YIQ	116.5970, 29.2960, 8.7200

Conversions

Conversions Part 2

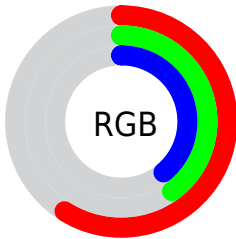
Format	Color
R_{YB}	150, 103, 99
Decimal	9856867
CIE Lab	48.37, 18.36, 9.88
CIE LCh	48, 20.844, 28.286
Yxy	17.0854, 0.3872, 0.3361
Android (android.graphics.Color)	4288046947 (0xFF966763)
YUV	116.5970, -8.6753, 29.2944
Hunter-Lab	41.3345, 12.6517, 8.7595

Details

The XYZ color **19.6801, 17.0854, 14.0649** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9291, 25.4116, 32.6562**, and the grayscale version is **16.8040, 17.6791, 19.2525**.

A 20% lighter version of the original color is **42.2375, 38.2923, 34.0192**, and **6.9386, 5.5308, 4.0700** is the 20% darker color. If you saturate the color by 10%, you get **17.7655, 14.2992, 10.2113**, and if you desaturate by 10%, it is **21.9561, 20.3812, 18.6965**.

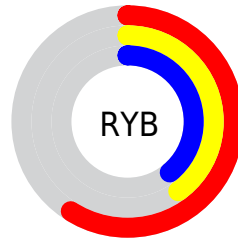
Distribution



Red (59%)

Green (40%)

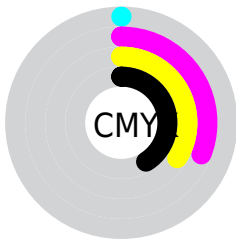
Blue (39%)



Red (59%)

Yellow (40%)

Blue (39%)

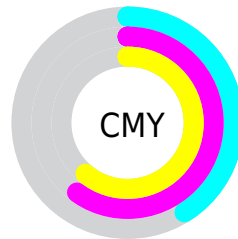


Cyan (0%)

Magenta (31%)

Yellow (34%)

Black (41%)



Cyan (41%)

Magenta (60%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6801, 17.0854, 14.0649 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 19.6801, 17.0854, 14.0649 by changing the saturation by 10% instead.

■ 19.6801, 17.0854,
14.0649

■ 19.6801, 17.0854,
14.0649

243.0447,
235.6640, 229.0767

■ 12.2696, 10.2954,
8.0266

■ 42.3882, 38.4725,
33.9229

■ 7.0011, 5.5953,
4.0239

■ 58.4166, 53.8385,
48.5797

■ 3.5091, 2.6006,
1.6385

■ 78.0484, 72.8319,
66.9463

■ 1.4284, 0.9270,
0.3181

■ 101.6488, 95.8371,
89.4414

■ 0.2763, 0.0000,
0.0000

129.5833,
123.2385, 116.4834

■ 0.0000, 0.0000,
0.0000

162.2172,

155.4205, 148.4909

199.9159,
192.7676, 185.8825

■ 19.6801, 17.0854,
14.0649

■ 19.6801, 17.0854,
14.0649

■ 17.7655, 14.2992,
10.2113

■ 21.9561, 20.3812,
18.6965

■ 16.1924, 11.9947,
7.0921

■ 24.6095, 24.2076,
24.1446

■ 14.9411, 10.1454,
4.6609

■ 27.6567, 28.5874,
30.4461

■ 13.9892, 8.7211,
2.8655

■ 31.1129, 33.5415,
37.6356

■ 13.3115, 7.6879,
1.6465

■ 34.9926, 39.0897,
45.7456

■ 12.8784, 7.0065,
0.9321

■ 39.3093, 45.2505,
54.8070

■ 12.7065, 6.7416,
0.6315

■ 44.0762, 52.0422,
64.8494

■ 49.3056, 59.4817,
75.9009

■ 55.0098, 67.5858,
87.9887

Harmonies

Analogous

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



20.1792, 17.0854, 18.9184



19.6801, 17.0854, 14.0649



18.2402, 17.0854, 11.0350

Triad

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



19.6801, 17.0854, 14.0649



13.3204, 17.0854, 13.6190



16.1299, 17.0854, 31.1706

Complementary

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



19.6801, 17.0854, 14.0649



20.9291, 25.4116, 32.6562

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.



14.3901, 17.0854, 29.0206



19.6801, 17.0854, 14.0649



12.8486, 17.0854, 18.2913

Square

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



19.6801, 17.0854, 14.0649



14.5658, 17.0854, 10.8151



13.2247, 17.0854, 24.0255



18.0360, 17.0854, 29.4444

Rectangle

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



19.6801, 17.0854, 14.0649



16.9936, 17.0854, 10.1112



13.2247, 17.0854, 24.0255



15.5073, 17.0854, 30.8702

Sweetspot

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



19.6806, 17.0862, 14.0652



45.3917, 45.5429, 46.6577



22.2748, 17.5019, 29.6438



9.9122, 9.8812, 10.0359



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.6806, 17.0862, 14.0652



32.0399, 26.2383, 19.3976



22.5361, 22.7973, 15.0171



5.8352, 5.8842, 6.0687



10.5492, 5.6127, 0.5274



0.1364, 0.0832, 0.0089

Inverse Universe

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



20.9291, 25.4116, 32.6562



34.5891, 43.2664, 57.4495



17.5003, 18.5539, 31.5132



5.9256, 6.4852, 7.4092



12.1411, 16.9769, 26.5680



0.1579, 0.2264, 0.3283

Previews

White Background



This preview shows how the XYZ color 19.6801, 17.0854, 14.0649 looks on a white background.

Color Contrast Check

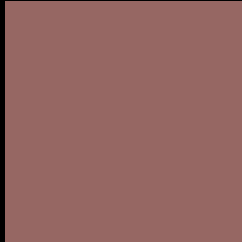
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6801, 17.0854, 14.0649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

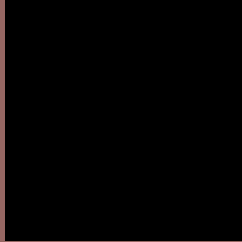
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.6801, 17.0854, 14.0649

Background



This preview shows how black text looks on a background with the XYZ color 19.6801, 17.0854, 14.0649.

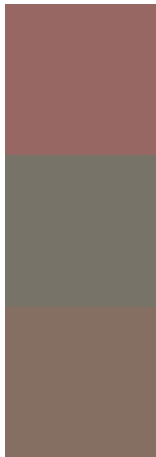


This preview shows how white text looks on a background with the XYZ color 19.6801, 17.0854,

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

19.6801, 17.0854, 14.0649

Protanopia

16.4263, 17.2745, 15.8331

Deuteranopia

17.5619, 17.2373, 13.9568



Tritanopia

20.1765, 16.9908, 16.6841

Trichromacy



Original Color

19.6801, 17.0854, 14.0649

Protanomaly

17.4927, 17.1734, 15.2248

Deuteranomaly

18.2146, 17.0959, 13.8951

Tritanomaly

20.0637, 17.1020, 15.6081

Monochromacy



Original Color

19.6801, 17.0854, 14.0649

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.6619, 17.3813, 17.1759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6801, 17.0854, 14.0649 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(150, 103, 99)` looks like.

```
.text, #text, p{  
    color:rgb(150, 103, 99)  
}
```

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(150, 103, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 103, 99) }
```

Border

The CSS property to change the border of an element to XYZ 19.6801, 17.0854, 14.0649 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(150, 103, 99) }
```


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

```
.border{ border-color:rgb(150, 103, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 103, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 103, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 103, 99);  
box-shadow:4px 4px 4px 4px rgb(150, 103,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6801, 17.0854, 14.0649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 103, 99) }
```

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

```
.background{ background-color: rgb(150,  
103, 99) }
```

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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