

Converting Colors

XYZ(19.2775, 14.8582, 17.9113)

Have a look what the booklet for
XYZ(19.2775, 14.8582, 17.9113)
contains.

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Color

**XYZ(19.1873, 14.8437,
17.7734)**

Conversions

Conversions Part 1

Format	Color
Hex	965972
RGB	150, 89, 114
RGB Percent	59%, 35%, 45%
CMY	0.4118, 0.6510, 0.5529
CMYK	0.00, 0.41, 0.24, 0.41
HSL	335°, 26%, 47%
HSV	335°, 41%, 59%
XYZ	19.1873, 14.8437, 17.7734
YIQ	110.0890, 28.3310, 20.7070

Conversions

Conversions Part 2

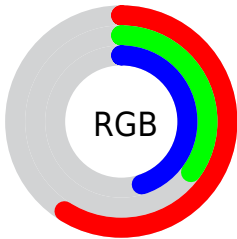
Format	Color
RYB	150, 89, 114
Decimal	9853298
CIELab	45.42, 28.57, -3.41
CIElCh	45, 28.775, 353.198
Yxy	14.8437, 0.3704, 0.2865
Android (android.graphics.Color)	4288043378 (0xFF965972)
YUV	110.0890, 1.9281, 35.0019
Hunter-Lab	38.5275, 21.4726, -0.3822

Details

The XYZ color **19.1873, 14.8437, 17.7734** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.7285, 25.4176, 23.3223**, and the grayscale version is **14.8359, 15.6085, 16.9977**.

A 20% lighter version of the original color is **41.4379, 34.4885, 40.5493**, and **6.7061, 4.5206, 5.6734** is the 20% darker color. If you saturate the color by 10%, you get **17.5842, 12.4051, 14.8720**, and if you desaturate by 10%, it is **21.0944, 17.8119, 21.0171**.

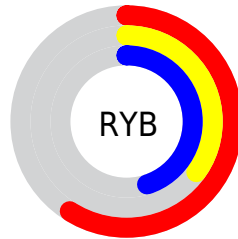
Distribution



Red (59%)

Green (35%)

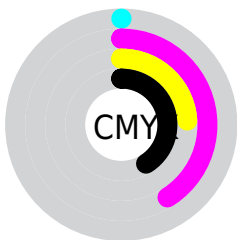
Blue (45%)



Red (59%)

Yellow (35%)

Blue (45%)

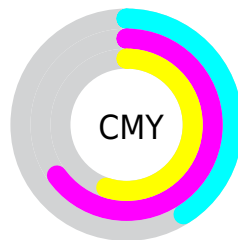


Cyan (0%)

Magenta (41%)

Yellow (24%)

Black (41%)



Cyan (41%)

Magenta (65%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1873, 14.8437, 17.7734 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 19.1873, 14.8437, 17.7734 by changing the saturation by 10% instead.

■ 19.1873, 14.8437,
17.7734

■ 19.1873, 14.8437,
17.7734

240.3991,
222.4182, 251.7838

■ 11.9105, 8.7098,
10.6197

■ 41.5648, 34.5788,
40.4595

■ 6.7545, 4.5524,
5.7008

■ 57.3962, 48.9487,
56.8290

■ 3.3540, 1.9871,
2.5982

■ 76.8098, 66.8327,
77.1075

■ 1.3436, 0.6000,
0.8915

■ 100.1711, 88.6152,
101.7135

■ 0.2155, 0.0000,
0.0000

■ 127.8453,
114.6806, 131.0656

■ 0.0000, 0.0000,
0.0000

160.1978,

145.4133, 165.5823

197.5939,
181.1977, 205.6822

■ 19.1873, 14.8437,
17.7734

■ 19.1873, 14.8437,
17.7734

■ 17.5842, 12.4051,
14.8720

■ 21.0944, 17.8119,
21.0171

■ 16.2668, 10.4624,
12.2997

■ 23.3198, 21.3366,
24.6139

■ 15.2169, 8.9811,
10.0432


■ 25.8784, 25.4454,
28.5753

■ 14.4135, 7.9215,
8.0882


■ 28.7836, 30.1634,
32.9117


■ 13.8320, 7.2371,
6.4186


■ 32.0483, 35.5142,
37.6334

 13.4327, 6.8261,
5.0912

 35.6847, 41.5203,
42.7500

 39.7041, 48.2030,
48.2709

 44.1176, 55.5824,
54.2049

 48.9359, 63.6782,
60.5610

Harmonies

Analogous

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



18.1220, 14.8437, 25.4093



19.1873, 14.8437, 17.7734



18.7735, 14.8437, 11.5080

Triad

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



19.1873, 14.8437, 17.7734



12.3728, 14.8437, 6.8250



11.5282, 14.8437, 29.1738

Complementary

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



19.1873, 14.8437, 17.7734



18.7285, 25.4176, 23.3223

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.



10.2884, 14.8437, 21.9276



19.1873, 14.8437, 17.7734



10.7361, 14.8437, 9.4847

Square

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



19.1873, 14.8437, 17.7734



14.6604, 14.8437, 6.2921



10.0157, 14.8437, 14.6516



13.5706, 14.8437, 33.0922

Rectangle

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



19.1873, 14.8437, 17.7734



17.7349, 14.8437, 8.7170



10.0157, 14.8437, 14.6516



11.0135, 14.8437, 26.9627

Sweetspot

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



19.1877, 14.8444, 17.7737



44.9196, 43.6950, 49.2862



17.4748, 13.6763, 30.5730



9.8367, 9.4931, 10.7416



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.



19.1877, 14.8444, 17.7737



31.2130, 22.1638, 26.5843



18.3915, 15.2263, 11.4217



5.8934, 5.8524, 6.5450



11.1560, 5.6675, 4.3027



0.1506, 0.0750, 0.1266

Inverse Universe

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



19.1877, 14.8444, 17.7737



31.2130, 22.1638, 26.5843



19.7380, 24.5516, 32.5529



5.8934, 5.8524, 6.5450



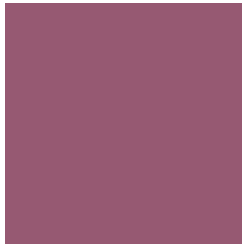
11.1560, 5.6675, 4.3027



0.1506, 0.0750, 0.1266

Previews

White Background



This preview shows how the XYZ color 19.1873, 14.8437, 17.7734 looks on a white background.

Color Contrast Check

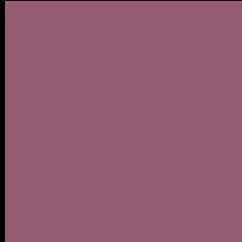
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1873, 14.8437, 17.7734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

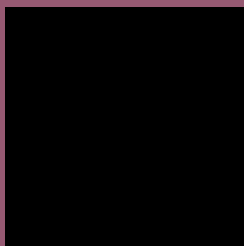
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.1873, 14.8437, 17.7734

Background



This preview shows how black text looks on a background with the XYZ color 19.1873, 14.8437, 17.7734.



This preview shows how white text looks on a background with the XYZ color 19.1873, 14.8437,

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

19.1873, 14.8437, 17.7734

Protanopia

14.7851, 14.9993, 21.5179

Deuteranopia

15.2569, 15.0328, 17.1364



Tritanopia

18.2920, 14.8510, 13.7068

Trichromacy



Original Color

19.1873, 14.8437, 17.7734

Protanomaly

15.8935, 14.5598, 20.0618

Deuteranomaly

16.4397, 14.7607, 17.3119

Tritanomaly

18.6342, 14.8712, 14.9850

Monochromacy



Original Color

19.1873, 14.8437, 17.7734

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.0781, 15.0104, 17.0888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1873, 14.8437, 17.7734 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, 89, 114)` looks like.

```
.text, #text, p{  
    color:rgb(150, 89, 114)  
}
```

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, 89, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 89, 114) }
```

Border

The CSS property to change the border of an element to XYZ 19.1873, 14.8437, 17.7734 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, 89, 114) }
```


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

```
.border{ border-color:rgb(150, 89, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 89, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 89, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 89, 114);  
box-shadow:4px 4px 4px 4px rgb(150, 89,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1873, 14.8437, 17.7734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 89, 114) }
```

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

```
.background{ background-color: rgb(150, 89,  
114) }
```

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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