

Converting Colors

XYZ(19.7409, 18.4956, 14.1918)

Have a look what the booklet for
XYZ(19.7409, 18.4956, 14.1918)
contains.

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Color

**XYZ(19.6758, 18.4899,
14.0872)**

Conversions

Conversions Part 1

Format	Color
Hex	917062
RGB	145, 112, 98
RGB Percent	57%, 44%, 38%
CMY	0.4314, 0.5608, 0.6157
CMYK	0.00, 0.23, 0.32, 0.43
HSL	18°, 19%, 48%
HSV	18°, 32%, 57%
XYZ	19.6758, 18.4899, 14.0872
YIQ	120.2710, 24.1620, 2.6420

Conversions

Conversions Part 2

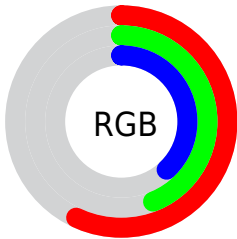
Format	Color
RYB	145, 118, 98
Decimal	9531490
CIELab	50.08, 10.93, 12.79
CIELCh	50, 16.821, 49.472
Yxy	18.4899, 0.3765, 0.3539
Android (android.graphics.Color)	4287721570 (0xFF917062)
YUV	120.2710, -10.9796, 21.6873
Hunter-Lab	42.9999, 6.4279, 10.6759

Details

The XYZ color **19.6758, 18.4899, 14.0872** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.2639, 20.8729, 29.8543**, and the grayscale version is **17.9684, 18.9042, 20.5866**.

A 20% lighter version of the original color is **42.5197, 41.0002, 34.1066**, and **6.9674, 6.2419, 4.0864** is the 20% darker color. If you saturate the color by 10%, you get **17.9919, 16.1202, 10.4487**, and if you desaturate by 10%, it is **21.6118, 21.1650, 18.4221**.

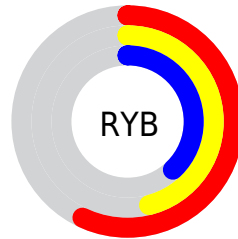
Distribution



Red (57%)

Green (44%)

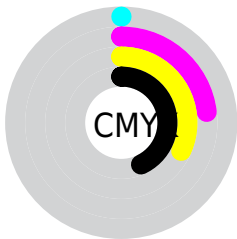
Blue (38%)



Red (57%)

Yellow (46%)

Blue (38%)

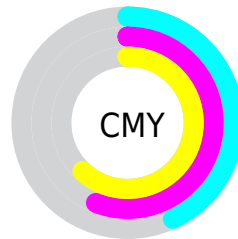


Cyan (0%)

Magenta (23%)

Yellow (32%)

Black (43%)



Cyan (43%)

Magenta (56%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6758, 18.4899, 14.0872 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 19.6758, 18.4899, 14.0872 by changing the saturation by 10% instead.

■ 19.6758, 18.4899,
14.0872

■ 19.6758, 18.4899,
14.0872

243.0217,
243.6181, 229.2199

■ 12.2665, 11.3023,
8.0419

■ 42.3811, 40.8704,
33.9630

■ 6.9989, 6.2705,
4.0336

■ 58.4077, 56.8320,
48.6306

■ 3.5078, 3.0103,
1.6438

■ 78.0376, 76.4870,
67.0094

■ 1.4276, 1.1371,
0.3218

■ 101.6360,
100.2200, 89.5179

■ 0.2758, 0.0094,
0.0000

129.5682,
128.4151, 116.5747

■ 0.0000, 0.0000,
0.0000

162.1997,

161.4569, 148.5982

199.8957,
199.7298, 186.0071

■ 19.6758, 18.4899,
14.0872

■ 19.6758, 18.4899,
14.0872

■ 17.9919, 16.1202,
10.4487

■ 21.6118, 21.1650,
18.4221

■ 16.5476, 14.0422,
7.4687

■ 23.8085, 24.1534,
23.4863

■ 15.3318, 12.2449,
5.1075

■ 26.2762, 27.4659,
29.3118

■ 14.3314, 10.7156,
3.3206

■ 29.0239, 31.1121,
35.9285

■ 13.5323, 9.4407,
2.0573

■ 32.0603, 35.1011,
43.3647

■ 12.9180, 8.4049,
1.2581

■ 35.3937, 39.4417,
51.6471

■ 12.5482, 7.7621,
0.8369

■ 39.0320, 44.1423,
60.8015

■ 42.9829, 49.2110,
70.8523

■ 47.2537, 54.6558,
81.8231

Harmonies

Analogous

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



20.6758, 18.4899, 17.3040



19.6758, 18.4899, 14.0872



18.1491, 18.4899, 12.5770

Triad

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



19.6758, 18.4899, 14.0872



14.6875, 18.4899, 18.5468



18.6325, 18.4899, 29.7630

Complementary

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



19.6758, 18.4899, 14.0872



18.2639, 20.8729, 29.8543

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.



17.0114, 18.4899, 30.2325



19.6758, 18.4899, 14.0872



14.7992, 18.4899, 23.2533

Square

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



19.6758, 18.4899, 14.0872



15.3123, 18.4899, 14.8765



15.6277, 18.4899, 27.6985



20.0483, 18.4899, 26.4999

Rectangle

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



19.6758, 18.4899, 14.0872



17.0667, 18.4899, 12.5561



15.6277, 18.4899, 27.6985



18.0914, 18.4899, 30.2699

Sweetspot

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



19.6763, 18.4908, 14.0876



43.5696, 44.5125, 44.2414



20.1881, 16.4126, 23.8204



9.5744, 9.7430, 9.5652



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.



19.6763, 18.4908, 14.0876



32.9629, 29.9215, 20.2900



22.5201, 24.1785, 15.0355



5.5317, 5.6697, 5.6922



10.7836, 6.6989, 0.7247



0.1205, 0.0988, 0.0127

Inverse Universe

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



18.2639, 20.8729, 29.8543



30.0144, 34.8679, 53.1218



15.5300, 15.4051, 28.9430



5.4265, 5.8487, 6.8717



8.4655, 9.9170, 24.4451



0.1002, 0.1334, 0.2401

Previews

White Background



This preview shows how the XYZ color 19.6758, 18.4899, 14.0872 looks on a white 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

Black Background



This preview shows how the XYZ color 19.6758, 18.4899, 14.0872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

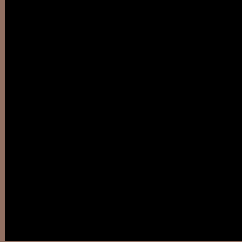
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.6758, 18.4899, 14.0872

Background



This preview shows how black text looks on a background with the XYZ color 19.6758, 18.4899, 14.0872.

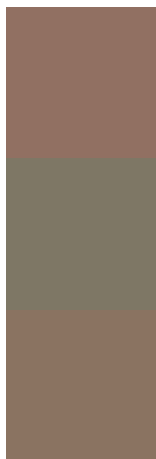


This preview shows how white text looks on a background with the XYZ color 19.6758, 18.4899,

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

19.6758, 18.4899, 14.0872

Protanopia

17.5500, 18.5689, 14.9711

Deuteranopia

18.7696, 18.5278, 13.8962



Tritanopia

20.7713, 18.4483, 19.6057

Trichromacy



Original Color

19.6758, 18.4899, 14.0872

Protanomaly

18.2185, 18.3974, 14.6474

Deuteranomaly

19.1595, 18.5604, 13.8820

Tritanomaly

20.2992, 18.4106, 17.5226

Monochromacy



Original Color

19.6758, 18.4899, 14.0872

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.3392, 18.5596, 17.9450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6758, 18.4899, 14.0872 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(145, 112, 98)` looks like.

```
.text, #text, p{  
    color:rgb(145, 112, 98)  
}
```

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(145, 112, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 112, 98) }
```

Border

The CSS property to change the border of an element to XYZ 19.6758, 18.4899, 14.0872 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(145, 112, 98) }
```


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

```
.border{ border-color:rgb(145, 112, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 112, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 112, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 112, 98);  
box-shadow:4px 4px 4px 4px rgb(145, 112,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6758, 18.4899, 14.0872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 112, 98) }
```

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

```
.background{ background-color: rgb(145,  
112, 98) }
```

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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