

Converting Colors

XYZ(19.4446, 17.5429, 12.4699)

Have a look what the booklet for
XYZ(19.4446, 17.5429, 12.4699)
contains.

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Color

**XYZ(19.4022, 17.5840,
12.4967)**

Conversions

Conversions Part 1

Format	Color
Hex	946B5C
RGB	148, 107, 92
RGB Percent	58%, 42%, 36%
CMY	0.4196, 0.5804, 0.6392
CMYK	0.00, 0.28, 0.38, 0.42
HSL	16°, 23%, 47%
HSV	16°, 38%, 58%
XYZ	19.4022, 17.5840, 12.4967
YIQ	117.5490, 29.2510, 4.0270

Conversions

Conversions Part 2

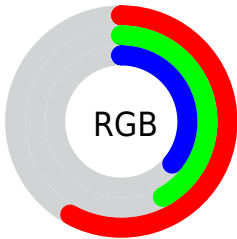
Format	Color
R_{YB}	148, 112, 92
Decimal	9726812
CIE _{Lab}	48.99, 14.28, 14.85
CIE _{LCh}	49, 20.606, 46.121
Yxy	17.5840, 0.3921, 0.3554
Android (android.graphics.Color)	4287916892 (0xFF946B5C)
YUV	117.5490, -12.5957, 26.7055
Hunter-Lab	41.9333, 9.2073, 11.6841

Details

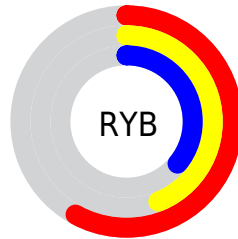
The XYZ color **19.4022, 17.5840, 12.4967** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.1462, 21.1877, 31.1502**, and the grayscale version is **17.1111, 18.0022, 19.6044**.

A 20% lighter version of the original color is **41.9092, 39.4458, 30.9961**, and **6.8810, 5.8120, 3.3439** is the 20% darker color. If you saturate the color by 10%, you get **17.7577, 15.2312, 9.0624**, and if you desaturate by 10%, it is **21.3156, 20.2722, 16.6446**.

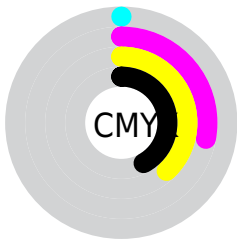
Distribution



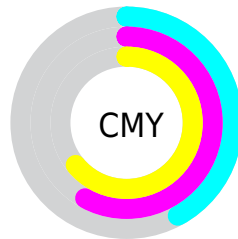
- Red (58%)
- Green (42%)
- Blue (36%)



- Red (58%)
- Yellow (44%)
- Blue (36%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4022, 17.5840, 12.4967 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 19.4022, 17.5840, 12.4967 by changing the saturation by 10% instead.

■ 19.4022, 17.5840,
12.4967

■ 19.4022, 17.5840,
12.4967

241.5559,
238.5157, 218.7597

■ 12.0670, 10.6517,
6.9563

■ 41.9243, 39.3272,
31.0744

■ 6.8618, 5.8332,
3.3567

■ 57.8418, 54.9069,
44.9487

■ 3.4214, 2.7439,
1.2795

■ 77.3509, 74.1379,
62.4381

■ 1.3803, 0.9995,
0.0449

■ 100.8168, 97.4045,
83.9611

■ 0.2421, 0.0000,
0.0000

128.6049,
125.0912, 109.9362

■ 0.0000, 0.0000,
0.0000

161.0805,

157.5824, 140.7820

198.6091,
195.2624, 176.9170

■ 19.4022, 17.5840,
12.4967

■ 19.4022, 17.5840,
12.4967

■ 17.7577, 15.2312,
9.0624

■ 21.3156, 20.2722,
16.6446

■ 16.3682, 13.1979,
6.3001

■ 23.5082, 23.3059,
21.5425

■ 15.2203, 11.4705,
4.1652

■ 25.9917, 26.6978,
27.2256

■ 14.2990, 10.0337,
2.6073

■ 28.7762, 30.4593,
33.7264

■ 13.5873, 8.8703,
1.5683

■ 31.8718, 34.6012,
41.0758

■ 13.0580, 7.9585,
0.9398

■ 35.2878, 39.1340,
49.3029

■ 12.9598, 7.7901,
0.8206

■ 39.0333, 44.0676,
58.4354

■ 43.1169, 49.4116,
68.4999

■ 47.5469, 55.1754,
79.5220

Harmonies

Analogous

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



20.5127, 17.5840, 16.3602



19.4022, 17.5840, 12.4967



17.6135, 17.5840, 10.6131

Triad

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



19.4022, 17.5840, 12.4967



13.3820, 17.5840, 16.7223



17.7583, 17.5840, 31.1923

Complementary

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



19.4022, 17.5840, 12.4967



18.1462, 21.1877, 31.1502

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.



15.8438, 17.5840, 31.3406



19.4022, 17.5840, 12.4967



13.4142, 17.5840, 22.2313

Square

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



19.4022, 17.5840, 12.4967



14.1930, 17.5840, 12.7179



14.2846, 17.5840, 27.8139



19.5151, 17.5840, 27.4408

Rectangle

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



19.4022, 17.5840, 12.4967



16.3229, 17.5840, 10.4465



14.2846, 17.5840, 27.8139



17.1094, 17.5840, 31.6866

Sweetspot

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



19.4027, 17.5848, 12.4971



44.3203, 45.0105, 44.4877



20.2782, 15.6457, 24.1657



9.9946, 10.1074, 9.8740



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.



19.4027, 17.5848, 12.4971



31.8594, 27.6349, 17.0701



22.7992, 24.3780, 13.6292



5.9197, 6.0532, 6.0968



11.0899, 6.6941, 0.7076



0.1573, 0.1251, 0.0159

Inverse Universe

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



18.1462, 21.1877, 31.1502



29.3175, 34.8637, 54.6188



14.8175, 14.5304, 30.0406



5.8340, 6.3021, 7.3787



9.2008, 11.0965, 25.5879



0.1369, 0.1845, 0.3213

Previews

White Background



This preview shows how the XYZ color 19.4022, 17.5840, 12.4967 looks on a white background.

Color Contrast Check

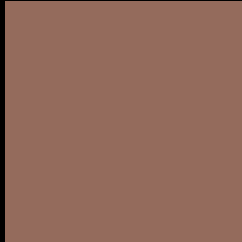
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4022, 17.5840, 12.4967 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 19.4022, 17.5840, 12.4967

Background



This preview shows how black text looks on a background with the XYZ color 19.4022, 17.5840, 12.4967.



This preview shows how white text looks on a background with the XYZ color 19.4022, 17.5840,

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

19.4022, 17.5840, 12.4967

Protanopia

16.5251, 17.5463, 13.5821

Deuteranopia

17.9990, 17.6620, 12.3580



Tritanopia

20.4526, 17.5545, 17.6396

Trichromacy



Original Color

19.4022, 17.5840, 12.4967

Protanomaly

17.4864, 17.5420, 13.2908

Deuteranomaly

18.4488, 17.5699, 12.3165

Tritanomaly

19.9958, 17.5126, 15.6910

Monochromacy



Original Color

19.4022, 17.5840, 12.4967

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.8309, 17.8059, 16.9651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4022, 17.5840, 12.4967 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(148, 107, 92)` looks like.

```
.text, #text, p{  
    color:rgb(148, 107, 92)  
}
```

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(148, 107, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 107, 92) }
```

Border

The CSS property to change the border of an element to XYZ 19.4022, 17.5840, 12.4967 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(148, 107, 92) }
```


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

```
.border{ border-color:rgb(148, 107, 92) }
```

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

Here you see how a box with a 4 pixel rgb(148, 107, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 107, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 107, 92);  
box-shadow:4px 4px 4px 4px rgb(148, 107,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4022, 17.5840, 12.4967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 107, 92) }
```

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

```
.background{ background-color: rgb(148,  
107, 92) }
```

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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