

Converting Colors

XYZ(21.1574, 19.0567, 14.8703)

Have a look what the booklet for
XYZ(21.1574, 19.0567, 14.8703)
contains.

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Color

**XYZ(21.1703, 19.0808,
14.8791)**

Conversions

Conversions Part 1

Format	Color
Hex	996F65
RGB	153, 111, 101
RGB Percent	60%, 44%, 40%
CMY	0.4000, 0.5647, 0.6039
CMYK	0.00, 0.27, 0.34, 0.40
HSL	12°, 20%, 50%
HSV	12°, 34%, 60%
XYZ	21.1703, 19.0808, 14.8791
YIQ	122.4180, 28.2420, 5.7940

Conversions

Conversions Part 2

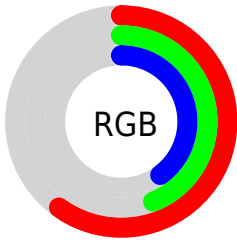
Format	Color
R_{YB}	153, 113, 101
Decimal	10055525
CIE _{Lab}	50.78, 15.23, 12.13
CIE _{LCh}	51, 19.471, 38.517
Yxy	19.0808, 0.3840, 0.3461
Android (android.graphics.Color)	4288245605 (0xFF996F65)
YUV	122.4180, -10.5591, 26.8204
Hunter-Lab	43.6816, 10.0674, 10.3814

Details

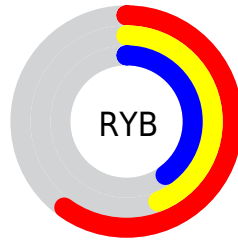
The XYZ color **21.1703, 19.0808, 14.8791** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9387, 24.7107, 33.8031**, and the grayscale version is **18.6629, 19.6348, 21.3823**.

A 20% lighter version of the original color is **44.7771, 41.8713, 35.4277**, and **7.6989, 6.5307, 4.3448** is the 20% darker color. If you saturate the color by 10%, you get **19.2331, 16.2964, 10.8729**, and if you desaturate by 10%, it is **23.4346, 22.2959, 19.6833**.

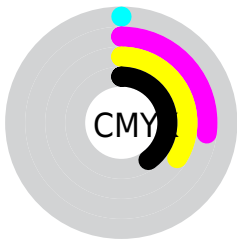
Distribution



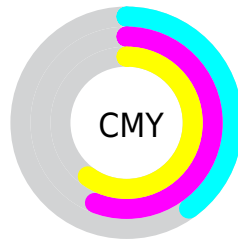
- Red (60%)
- Green (44%)
- Blue (40%)



- Red (60%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (34%)
- Black (40%)



- Cyan (40%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1703, 19.0808, 14.8791 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 21.1703, 19.0808, 14.8791 by changing the saturation by 10% instead.

■ 21.1703, 19.0808,
14.8791

■ 21.1703, 19.0808,
14.8791

250.8968,
246.8945, 234.2488

■ 13.3617, 11.7287,
8.5889

■ 44.8599, 41.8706,
35.3802

■ 7.7568, 6.5592,
4.3809

■ 61.4717, 58.0770,
50.4283

■ 3.9902, 3.1880,
1.8365

■ 81.7485, 78.0037,
69.2326

■ 1.6966, 1.2307,
0.4519

■ 106.0559,
102.0350, 92.2119

■ 0.4541, 0.0865,
0.0000

134.7590,
130.5554, 119.7846

■ 0.0000, 0.0000,
0.0000

168.2233,

163.9491, 152.3693

206.8141,
202.6007, 190.3845

■ 21.1703, 19.0808,
14.8791

■ 21.1703, 19.0808,
14.8791

■ 19.2331, 16.2964,
10.8729

■ 23.4346, 22.2959,
19.6833

■ 17.6061, 13.9217,
7.6201

■ 26.0389, 25.9562,
25.3246

■ 16.2733, 11.9379,
5.0737

■ 28.9972, 30.0789,
31.8406


■ 15.2162, 10.3236,
3.1804


■ 32.3220, 34.6794,
39.2664


■ 14.4146, 9.0555,
1.8799


■ 36.0257, 39.7725,
47.6354


 13.8446, 8.1072,
1.0994

 40.1196, 45.3721,
56.9790

 13.5869, 7.6724,
0.7648

 44.6148, 51.4919,
67.3272

 49.5219, 58.1448,
78.7089

 54.8511, 65.3433,
91.1516

Harmonies

Analogous

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



22.0242, 19.0808, 19.2536



21.1703, 19.0808, 14.8791



19.5172, 19.0808, 12.4305

Triad

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



21.1703, 19.0808, 14.8791



14.9222, 19.0808, 17.1499



18.6862, 19.0808, 33.0398

Complementary

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



21.1703, 19.0808, 14.8791



20.9387, 24.7107, 33.8031

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.



16.8210, 19.0808, 32.2075



21.1703, 19.0808, 14.8791



14.7342, 19.0808, 22.3761

Square

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



21.1703, 19.0808, 14.8791



15.9391, 19.0808, 13.5721



15.4059, 19.0808, 28.0548



20.5254, 19.0808, 30.1616

Rectangle

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



21.1703, 19.0808, 14.8791



18.2312, 19.0808, 11.9202



15.4059, 19.0808, 28.0548



18.0406, 19.0808, 33.1935

Sweetspot

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



21.1708, 19.0817, 14.8795



48.5641, 49.1830, 49.5868



22.7841, 18.0772, 28.4609



10.5767, 10.6553, 10.6270



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.1708, 19.0817, 14.8795



35.1511, 30.2067, 20.9158



24.3654, 25.4710, 15.9444



6.3002, 6.4055, 6.5102



11.2489, 6.3801, 0.6386



0.1889, 0.1369, 0.0165

Inverse Universe

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



20.9387, 24.7107, 33.8031



34.6579, 41.8798, 60.2289



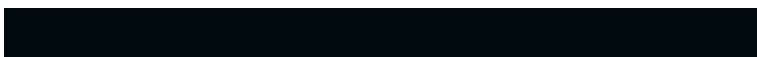
17.5326, 17.8984, 32.6677



6.2836, 6.8245, 7.9151



10.6874, 13.7714, 27.0026



0.1828, 0.2520, 0.4114

Previews

White Background



This preview shows how the XYZ color 21.1703, 19.0808, 14.8791 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 21.1703, 19.0808, 14.8791 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 21.1703, 19.0808, 14.8791

Background



This preview shows how black text looks on a background with the XYZ color 21.1703, 19.0808, 14.8791.

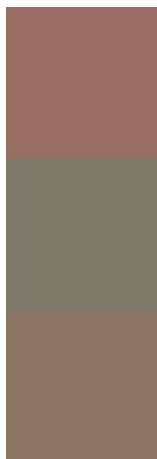


This preview shows how white text looks on a background with the XYZ color 21.1703, 19.0808,

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

21.1703, 19.0808, 14.8791

Protanopia

18.1913, 19.2274, 16.3881

Deuteranopia

19.4768, 19.2181, 14.7395



Tritanopia

22.1971, 19.1902, 19.3638

Trichromacy



Original Color

21.1703, 19.0808, 14.8791

Protanomaly

19.0133, 18.9563, 15.7535

Deuteranomaly

20.1080, 19.2013, 14.7030

Tritanomaly

21.7716, 19.1696, 17.5915

Monochromacy



Original Color

21.1703, 19.0808, 14.8791

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.1886, 19.1583, 18.6062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1703, 19.0808, 14.8791 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(153, 111, 101)` looks like.

```
.text, #text, p{  
    color:rgb(153, 111, 101)  
}
```

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(153, 111, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 111, 101) }
```

Border

The CSS property to change the border of an element to XYZ 21.1703, 19.0808, 14.8791 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(153, 111, 101) }
```


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

```
.border{ border-color:rgb(153, 111, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 111, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 111, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 111, 101);  
box-shadow:4px 4px 4px 4px rgb(153, 111,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1703, 19.0808, 14.8791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 111, 101) }
```

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

```
.background{ background-color: rgb(153,  
111, 101) }
```

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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