

Converting Colors

XYZ(21.9591, 21.5886, 14.0835)

Have a look what the booklet for
XYZ(21.9591, 21.5886, 14.0835)
contains.

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Color

**XYZ(21.9568, 21.5898,
14.0763)**

Conversions

Conversions Part 1

Format	Color
Hex	977B60
RGB	151, 123, 96
RGB Percent	59%, 48%, 38%
CMY	0.4078, 0.5176, 0.6235
CMYK	0.00, 0.19, 0.36, 0.41
HSL	29°, 22%, 48%
HSV	29°, 36%, 59%
XYZ	21.9568, 21.5898, 14.0763
YIQ	128.2940, 25.3550, -2.4610

Conversions

Conversions Part 2

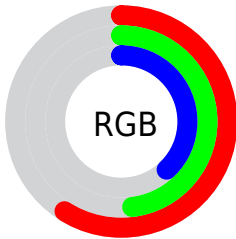
Format	Color
R_{YB}	151, 149, 96
Decimal	9927520
CIE _{Lab}	53.59, 6.84, 18.85
CIE _{LCh}	54, 20.056, 70.055
Yxy	21.5898, 0.3810, 0.3747
Android (android.graphics.Color)	4288117600 (0xFF977B60)
YUV	128.2940, -15.9209, 19.9132
Hunter-Lab	46.4648, 3.0361, 14.5638

Details

The XYZ color **21.9568, 21.5898, 14.0763** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.6172, 19.1358, 32.0432**, and the grayscale version is **20.6678, 21.7442, 23.6794**.

A 20% lighter version of the original color is **46.0500, 45.8883, 34.0340**, and **8.1487, 7.7720, 3.9764** is the 20% darker color. If you saturate the color by 10%, you get **20.4110, 19.5060, 10.4544**, and if you desaturate by 10%, it is **23.7121, 23.8788, 18.4274**.

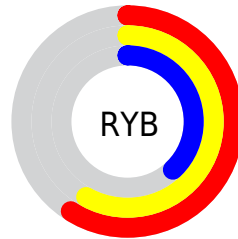
Distribution



Red (59%)

Green (48%)

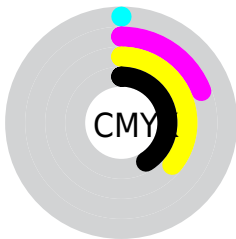
Blue (38%)



Red (59%)

Yellow (58%)

Blue (38%)

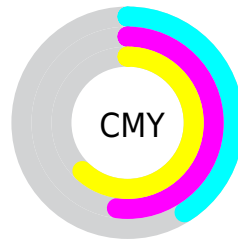


Cyan (0%)

Magenta (19%)

Yellow (36%)

Black (41%)



Cyan (41%)

Magenta (52%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9568, 21.5898, 14.0763 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 21.9568, 21.5898, 14.0763 by changing the saturation by 10% instead.

■ 21.9568, 21.5898,
14.0763

■ 21.9568, 21.5898,
14.0763

254.9572,
260.3966, 229.1499

■ 13.9416, 13.5558,
8.0344

■ 46.1540, 46.0671,
33.9434

■ 8.1615, 7.8124,
4.0289

■ 63.0666, 63.2792,
48.6057

■ 4.2511, 3.9751,
1.6412

■ 83.6758, 84.3194,
66.9786

■ 1.8452, 1.6597,
0.3200

■ 108.3469,
109.5722, 89.4805

■ 0.5447, 0.3973,
0.0000

137.4452,
139.4219, 116.5301

■ 0.0000, 0.0000,
0.0000

171.3362,

174.2529, 148.5458

210.3850,
214.4497, 185.9462

■ 21.9568, 21.5898,
14.0763

■ 21.9568, 21.5898,
14.0763

■ 20.4110, 19.5060,
10.4544

■ 23.7121, 23.8788,
18.4274

■ 19.0638, 17.6179,
7.5194

■ 25.6840, 26.3761,
23.5441

■ 17.9054, 15.9196,
5.2266

■ 27.8813, 29.0886,
29.4621

■ 16.9245, 14.4035,
3.5254

■ 30.3116, 32.0218,
36.2141

■ 16.1082, 13.0615,
2.3576

■ 32.9822, 35.1810,
43.8312

■ 15.4380, 11.8830,
1.6351

■ 35.9001, 38.5714,
52.3430

■ 15.2205, 11.4952,
1.4166

■ 39.0721, 42.1980,
61.7774

■ 42.5044, 46.0655,
72.1614

■ 46.2033, 50.1786,
83.5205

Harmonies

Analogous

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



23.8351, 21.5898, 16.7083



21.9568, 21.5898, 14.0763



19.8101, 21.5898, 13.7059

Triad

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



21.9568, 21.5898, 14.0763



16.7285, 21.5898, 25.6265



23.2849, 21.5898, 33.7344

Complementary

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



21.9568, 21.5898, 14.0763



17.6172, 19.1358, 32.0432

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.



21.2476, 21.5898, 37.1302



21.9568, 21.5898, 14.0763



17.5283, 21.5898, 31.9391

Square

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



21.9568, 21.5898, 14.0763



16.8893, 21.5898, 19.7114



19.1482, 21.5898, 36.4214



24.6380, 21.5898, 27.7624

Rectangle

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



21.9568, 21.5898, 14.0763



18.5272, 21.5898, 14.7093



19.1482, 21.5898, 36.4214



22.6518, 21.5898, 35.2584

Sweetspot

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



21.9574, 21.5908, 14.0767



47.9931, 49.7151, 47.4961



20.6100, 16.4111, 21.2888



10.7986, 11.1641, 10.5004



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.



21.9574, 21.5908, 14.0767



36.9571, 35.4854, 19.6408



25.7935, 29.2632, 15.3555



6.4466, 6.6983, 6.5590



12.9769, 9.8361, 1.2146



0.2303, 0.2196, 0.0302

Inverse Universe

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



17.6172, 19.1358, 32.0432



27.9731, 30.4027, 56.8276



14.6770, 13.2554, 31.0632



6.1313, 6.5200, 7.8643



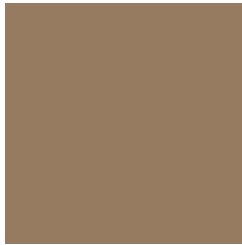
7.0303, 6.4572, 25.7835



0.1415, 0.1693, 0.3976

Previews

White Background



This preview shows how the XYZ color 21.9568, 21.5898, 14.0763 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 21.9568, 21.5898, 14.0763 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

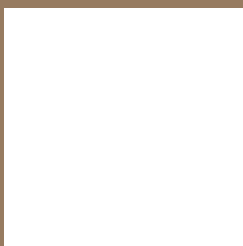
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.9568, 21.5898, 14.0763

Background



This preview shows how black text looks on a background with the XYZ color 21.9568, 21.5898, 14.0763.



This preview shows how white text looks on a background with the XYZ color 21.9568, 21.5898,

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

21.9568, 21.5898, 14.0763

Protanopia

20.2403, 21.6386, 14.6652

Deuteranopia

21.9568, 21.5898, 14.0763



Tritanopia

23.8195, 21.6222, 23.3401

Trichromacy



Original Color

21.9568, 21.5898, 14.0763

Protanomaly

20.7739, 21.5356, 14.3711

Deuteranomaly

21.9568, 21.5898, 14.0763

Tritanomaly

23.0057, 21.4662, 19.4539

Monochromacy



Original Color

21.9568, 21.5898, 14.0763

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.7666, 21.4169, 19.5624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9568, 21.5898, 14.0763 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(151, 123, 96)` looks like.

```
.text, #text, p{  
    color:rgb(151, 123, 96)  
}
```

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(151, 123, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 123, 96) }
```

Border

The CSS property to change the border of an element to XYZ 21.9568, 21.5898, 14.0763 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(151, 123, 96) }
```


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

```
.border{ border-color:rgb(151, 123, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 123, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 123, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 123, 96);  
box-shadow:4px 4px 4px 4px rgb(151, 123,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9568, 21.5898, 14.0763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 123, 96) }
```

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

```
.background{ background-color: rgb(151,  
123, 96) }
```

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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