

Converting Colors

XYZ(26.5423, 25.4052, 14.5279)

Have a look what the booklet for
XYZ(26.5423, 25.4052, 14.5279)
contains.

XYZ(26.5898, 25.5121, 14.5892)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.5898, 25.5121,
14.5892)**

Conversions

Conversions Part 1

Format	Color
Hex	A98360
RGB	169, 131, 96
RGB Percent	66%, 51%, 38%
CMY	0.3373, 0.4863, 0.6235
CMYK	0.00, 0.22, 0.43, 0.34
HSL	29°, 30%, 52%
HSV	29°, 43%, 66%
XYZ	26.5898, 25.5121, 14.5892
YIQ	138.3720, 33.8830, -2.8290

Conversions

Conversions Part 2

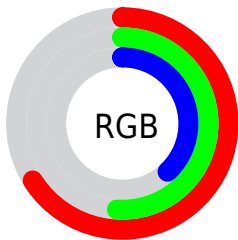
Format	Color
R_{YB}	169, 163, 96
Decimal	11109216
CIE _{Lab}	57.57, 9.89, 24.50
CIE _{LCh}	58, 26.427, 68.012
Yxy	25.5121, 0.3987, 0.3825
Android (android.graphics.Color)	4289299296 (0xFFA98360)
YUV	138.3720, -20.8894, 26.8608
Hunter-Lab	50.5095, 5.5764, 18.2313

Details

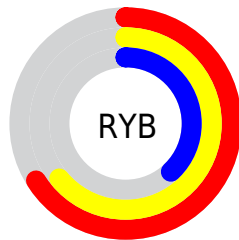
The XYZ color **26.5898, 25.5121, 14.5892** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.5101, 22.4008, 40.7789**, and the grayscale version is **24.3685, 25.6375, 27.9193**.

A 20% lighter version of the original color is **53.7710, 52.5563, 34.9141**, and **10.6419, 9.9012, 4.2560** is the 20% darker color. If you saturate the color by 10%, you get **24.7622, 22.9712, 10.5452**, and if you desaturate by 10%, it is **28.6862, 28.3230, 19.5486**.

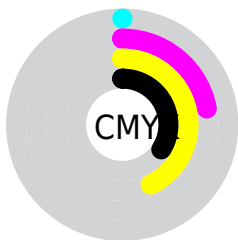
Distribution



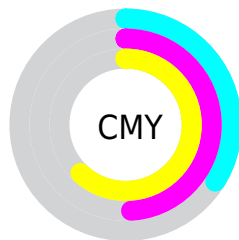
- Red (66%)
- Green (51%)
- Blue (38%)



- Red (66%)
- Yellow (64%)
- Blue (38%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (34%)





- Cyan (34%)
- Magenta (49%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5898, 25.5121, 14.5892 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 26.5898, 25.5121, 14.5892 by changing the saturation by 10% instead.


 26.5898, 25.5121,
14.5892


 26.5898, 25.5121,
14.5892


277.8694,
280.3787, 232.4206

 17.4004, 16.4590,
8.3882


 53.6495, 52.4868,
34.8629


 10.6174, 9.8495,
4.2530


 72.2504, 71.1772,
49.7727

 5.8756, 5.2993,
1.7651

 94.7193, 93.8488,
68.4225

 2.8095, 2.4239,
0.4048

 121.4214,
120.8860, 91.2309

 1.0539, 0.8382,
0.0000

152.7221,
152.6732, 118.6163

 0.0000, 0.0000,
0.0000

188.9868,

189.5948, 150.9974

230.5807,
232.0351, 188.7926

■ 26.5898, 25.5121,
14.5892

■ 26.5898, 25.5121,
14.5892

■ 24.7622, 22.9712,
10.5452

■ 28.6862, 28.3230,
19.5486

■ 23.1884, 20.6873,
7.3573

■ 31.0619, 31.4090,
25.4746

■ 21.8541, 18.6517,
4.9614

■ 33.7289, 34.7796,
32.4164

■ 20.7430, 16.8535,
3.2837

■ 36.6978, 38.4425,
40.4194

■ 19.8355, 15.2803,
2.2360

■ 39.9789, 42.4054,
49.5261

■ 19.3073, 14.3252,
1.7474

■ 43.5817, 46.6754,
59.7769

■ 47.5154, 51.2596,
71.2100

■ 51.7887, 56.1645,
83.8617

■ 56.4103, 61.3968,
97.7669

Harmonies

Analogous

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



29.3453, 25.5121, 18.3996



26.5898, 25.5121, 14.5892



23.4133, 25.5121, 13.8890

Triad

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



26.5898, 25.5121, 14.5892



18.7272, 25.5121, 30.2692



28.1766, 25.5121, 43.8255

Complementary

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



26.5898, 25.5121, 14.5892



20.5101, 22.4008, 40.7789

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.



25.1033, 25.5121, 48.7613



26.5898, 25.5121, 14.5892



19.7789, 25.5121, 39.9006

Square

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



26.5898, 25.5121, 14.5892



19.0504, 25.5121, 21.7718



22.0488, 25.5121, 47.1875



30.3153, 25.5121, 34.7990

Rectangle

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



26.5898, 25.5121, 14.5892



21.5113, 25.5121, 15.0969



22.0488, 25.5121, 47.1875



27.2085, 25.5121, 46.0982

Sweetspot

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



26.5904, 25.5133, 14.5897



60.3874, 62.2643, 58.0052



24.9137, 18.5484, 25.1644



12.9304, 13.2813, 12.0316



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.5904, 25.5133, 14.5897



44.4283, 41.2544, 19.0571



32.2130, 36.7585, 16.4639



7.8168, 8.1136, 7.9434



14.4427, 10.7827, 1.3201



0.4029, 0.3653, 0.0493

Inverse Universe

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



20.5101, 22.4008, 40.7789



32.0691, 34.9228, 72.2756



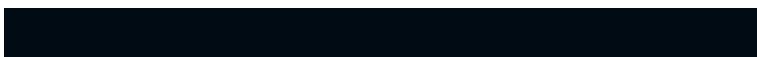
16.3939, 14.1683, 39.4068



7.4427, 7.9223, 9.5552



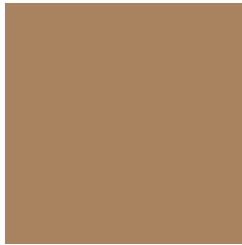
7.9900, 7.4401, 28.9905



0.2452, 0.2826, 0.7223

Previews

White Background



This preview shows how the XYZ color 26.5898, 25.5121, 14.5892 looks on a white background.

Color Contrast Check

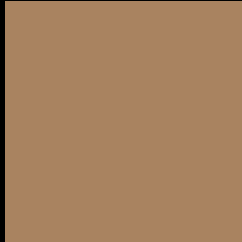
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5898, 25.5121, 14.5892 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 26.5898, 25.5121, 14.5892

Background



This preview shows how black text looks on a background with the XYZ color 26.5898, 25.5121, 14.5892.



This preview shows how white text looks on a background with the XYZ color 26.5898, 25.5121,

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

26.5898, 25.5121, 14.5892

Protanopia

23.7350, 25.4674, 15.4691

Deuteranopia

26.0159, 25.6189, 14.6401



Tritanopia

29.0676, 25.5552, 26.3223

Trichromacy



Original Color

26.5898, 25.5121, 14.5892

Protanomaly

24.5789, 25.2777, 15.1389

Deuteranomaly

26.0885, 25.4540, 14.6044

Tritanomaly

28.1836, 25.5895, 21.5430

Monochromacy



Original Color

26.5898, 25.5121, 14.5892

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.6336, 25.1476, 22.2945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5898, 25.5121, 14.5892 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(169, 131, 96)` looks like.

```
.text, #text, p{  
    color:rgb(169, 131, 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(169, 131, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 131, 96) }
```

Border

The CSS property to change the border of an element to XYZ 26.5898, 25.5121, 14.5892 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(169, 131, 96) }
```


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

```
.border{ border-color:rgb(169, 131, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 131, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 131, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 131, 96);  
box-shadow:4px 4px 4px 4px rgb(169, 131,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5898, 25.5121, 14.5892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 131, 96) }
```

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

```
.background{ background-color: rgb(169,  
131, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor