

Converting Colors

XYZ(25.7770, 24.7369, 18.1774)

Have a look what the booklet for
XYZ(25.7770, 24.7369, 18.1774)
contains.

XYZ(25.9014, 24.8776, 18.1886)	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(25.9014, 24.8776,
18.1886)**

Conversions

Conversions Part 1

Format	Color
Hex	A3826E
RGB	163, 130, 110
RGB Percent	64%, 51%, 43%
CMY	0.3608, 0.4902, 0.5686
CMYK	0.00, 0.20, 0.33, 0.36
HSL	23°, 22%, 54%
HSV	23°, 33%, 64%
XYZ	25.9014, 24.8776, 18.1886
YIQ	137.5870, 26.0880, 0.7760

Conversions

Conversions Part 2

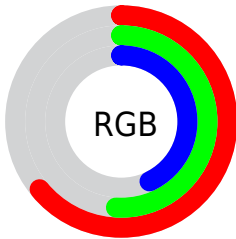
Format	Color
R_{YB}	163, 142, 110
Decimal	10715758
CIE _{Lab}	56.96, 9.70, 15.64
CIE _{LCh}	57, 18.402, 58.193
Yxy	24.8776, 0.3756, 0.3607
Android (android.graphics.Color)	4288905838 (0xFFA3826E)
YUV	137.5870, -13.6004, 22.2872
Hunter-Lab	49.8774, 5.4097, 13.2932

Details

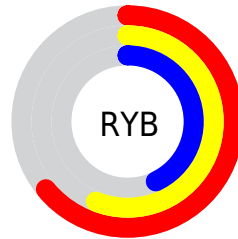
The XYZ color **25.9014, 24.8776, 18.1886** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.8635, 25.6035, 38.3874**, and the grayscale version is **24.0439, 25.2961, 27.5474**.

A 20% lighter version of the original color is **52.6685, 51.5357, 41.3539**, and **10.2423, 9.5477, 5.8605** is the 20% darker color. If you saturate the color by 10%, you get **23.8105, 21.9877, 13.5086**, and if you desaturate by 10%, it is **28.2900, 28.1014, 23.7738**.

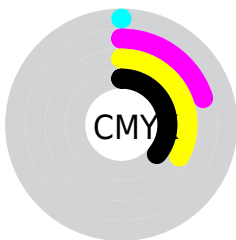
Distribution



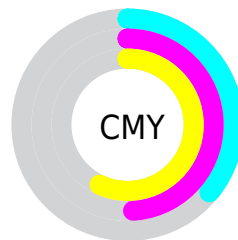
- Red (64%)
- Green (51%)
- Blue (43%)



- Red (64%)
- Yellow (56%)
- Blue (43%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (36%)



- Cyan (36%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9014, 24.8776, 18.1886 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 25.9014, 24.8776, 18.1886 by changing the saturation by 10% instead.

■ 25.9014, 24.8776,
18.1886

■ 25.9014, 24.8776,
18.1886

274.5633,
277.2278, 254.2037

■ 16.8822, 15.9859,
10.9146

■ 52.5483, 51.4586,
41.1767

■ 10.2453, 9.5142,
5.8960

■ 70.9066, 69.9166,
57.7279

■ 5.6254, 5.0780,
2.7142

■ 93.1088, 92.3323,
78.2086

■ 2.6572, 2.2931,
0.9506

■ 119.5200,
119.0899, 103.0374

■ 0.9752, 0.7701,
0.0000

150.5057,
150.5738, 132.6328

■ 0.0000, 0.0000,
0.0000

186.4313,

187.1686, 167.4132

227.6620,
229.2584, 207.7973

■ 25.9014, 24.8776,
18.1886

■ 25.9014, 24.8776,
18.1886

■ 23.8105, 21.9877,
13.5086

■ 28.2900, 28.1014,
23.7738

■ 22.0026, 19.4170,
9.6839

■ 30.9864, 31.6663,
30.3076

■ 20.4644, 17.1547,
6.6618

■ 34.0024, 35.5837,
37.8322

■ 19.1809, 15.1880,
4.3832

■ 37.3488, 39.8632,
46.3871

■ 18.1350, 13.5029,
2.7808

■ 41.0355, 44.5142,
56.0093

■ 17.3072, 12.0841,
1.7746

■ 45.0724, 49.5456,
66.7342

■ 16.8009, 11.1798,
1.2724

■ 49.4687, 54.9661,
78.5954

■ 54.2334, 60.7840,
91.6252

■ 59.0997, 66.8974,
104.4053

Harmonies

Analogous

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



27.4959, 24.8776, 21.8503



25.9014, 24.8776, 18.1886



23.7765, 24.8776, 16.8580

Triad

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



25.9014, 24.8776, 18.1886



19.7344, 24.8776, 26.7143



25.6612, 24.8776, 38.9742

Complementary

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



25.9014, 24.8776, 18.1886



22.8635, 25.6035, 38.3874

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.



23.5148, 24.8776, 40.7918



25.9014, 24.8776, 18.1886



20.1723, 24.8776, 33.1011

Square

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



25.9014, 24.8776, 18.1886



20.2903, 24.8776, 21.2924



21.5244, 24.8776, 38.4984



27.3514, 24.8776, 33.8488

Rectangle

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



25.9014, 24.8776, 18.1886



22.3729, 24.8776, 17.2905



21.5244, 24.8776, 38.4984



24.9652, 24.8776, 40.0236

Sweetspot

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



25.9020, 24.8788, 18.1891



56.7004, 58.2888, 57.2560



25.6814, 20.9391, 28.9006



12.5782, 12.8870, 12.4726



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.9020, 24.8788, 18.1891



43.6361, 40.7648, 26.3745



29.7962, 32.6671, 19.4872



7.2826, 7.5036, 7.4446



13.0983, 8.7705, 1.0025



0.3198, 0.2734, 0.0359

Inverse Universe

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



22.8635, 25.6035, 38.3874



37.3306, 42.2546, 68.2445



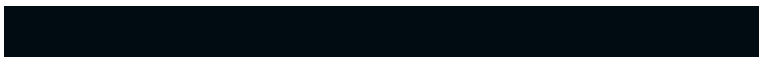
19.4106, 18.6978, 37.2364



7.0504, 7.5598, 8.9907



8.8357, 9.4507, 28.2883



0.2289, 0.2851, 0.6088

Previews

White Background



This preview shows how the XYZ color 25.9014, 24.8776, 18.1886 looks on a white background.

Color Contrast Check

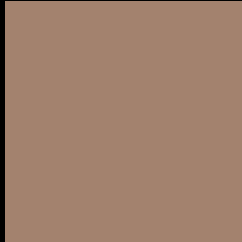
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9014, 24.8776, 18.1886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

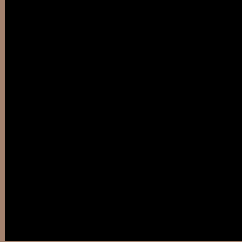
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9014, 24.8776, 18.1886

Background



This preview shows how black text looks on a background with the XYZ color 25.9014, 24.8776, 18.1886.



This preview shows how white text looks on a background with the XYZ color 25.9014, 24.8776,

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

25.9014, 24.8776, 18.1886

Protanopia

23.6034, 25.1033, 19.2242

Deuteranopia

25.2288, 24.7293, 18.1954



Tritanopia

27.6307, 24.8063, 26.6243

Trichromacy



Original Color

25.9014, 24.8776, 18.1886

Protanomaly

24.3986, 24.8954, 18.8486

Deuteranomaly

25.4280, 24.8320, 18.2047

Tritanomaly

26.9372, 24.7104, 23.4285

Monochromacy



Original Color

25.9014, 24.8776, 18.1886

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5929, 25.0895, 23.9686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9014, 24.8776, 18.1886 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(163, 130, 110)` looks like.

```
.text, #text, p{  
    color:rgb(163, 130, 110)  
}
```

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(163, 130, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 130, 110) }
```

Border

The CSS property to change the border of an element to XYZ 25.9014, 24.8776, 18.1886 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(163, 130, 110) }
```


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

```
.border{ border-color:rgb(163, 130, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 130, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 130, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 130, 110);  
box-shadow:4px 4px 4px 4px rgb(163, 130,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9014, 24.8776, 18.1886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 130, 110) }
```

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

```
.background{ background-color: rgb(163,  
130, 110) }
```

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