

Converting Colors

XYZ(27.9508, 26.4246, 14.2170)

Have a look what the booklet for
XYZ(27.9508, 26.4246, 14.2170)
contains.

XYZ(27.9508, 26.4246, 14.2170)	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(27.9508, 26.4246,
14.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	AF845E
RGB	175, 132, 94
RGB Percent	69%, 52%, 37%
CMY	0.3137, 0.4823, 0.6314
CMYK	0.00, 0.25, 0.46, 0.31
HSL	28°, 34%, 53%
HSV	28°, 46%, 69%
XYZ	27.9508, 26.4246, 14.2170
YIQ	140.5250, 37.8260, -2.7020

Conversions

Conversions Part 2

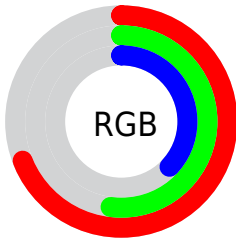
Format	Color
R_{YB}	175, 166, 94
Decimal	11502686
CIE _{Lab}	58.44, 11.64, 26.88
CIE _{LCh}	58, 29.291, 66.575
Yxy	26.4246, 0.4075, 0.3852
Android (android.graphics.Color)	4289692766 (0xFFAF845E)
YUV	140.5250, -22.9368, 30.2346
Hunter-Lab	51.4049, 7.0988, 19.5856

Details

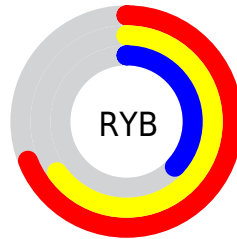
The XYZ color **27.9508, 26.4246, 14.2170** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.2992, 23.3652, 43.9446**, and the grayscale version is **25.2086, 26.5214, 28.8818**.

A 20% lighter version of the original color is **55.7385, 53.8981, 34.2537**, and **11.3521, 10.3848, 4.0955** is the 20% darker color. If you saturate the color by 10%, you get **26.0488, 23.7381, 10.1382**, and if you desaturate by 10%, it is **30.1443, 29.4092, 19.2719**.

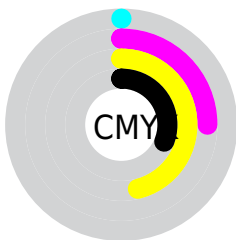
Distribution



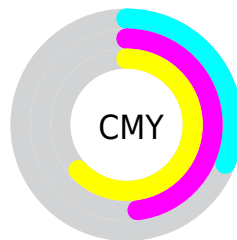
- Red (69%)
- Green (52%)
- Blue (37%)



- Red (69%)
- Yellow (65%)
- Blue (37%)



- Cyan (0%)
- Magenta (25%)
- Yellow (46%)
- Black (31%)





- Cyan (31%)
- Magenta (48%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9508, 26.4246, 14.2170 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 27.9508, 26.4246, 14.2170 by changing the saturation by 10% instead.


 27.9508, 26.4246,
14.2170


 27.9508, 26.4246,
14.2170

284.3161,
284.8602, 230.0518


 18.4288, 17.1416,
8.1313


 55.8151, 53.9591,
34.1962

 11.3599, 10.3355,
4.0901


 74.8881, 72.9794,
48.9268

 6.3785, 5.6219,
1.6749


 97.8755, 96.0143,
67.3761

 3.1194, 2.6166,
0.3434

 125.1427,
123.4480, 89.9626

 1.2172, 0.9350,
0.0000

157.0550,
155.6651, 117.1049

 0.1199, 0.0000,
0.0000

193.9778,

 0.0000, 0.0000,

193.0499, 149.2215

0.0000

236.2763,
235.9868, 186.7310

■ 27.9508, 26.4246,
14.2170

■ 27.9508, 26.4246,
14.2170

■ 26.0488, 23.7381,
10.1382

■ 30.1443, 29.4092,
19.2719

■ 24.4214, 21.3353,
6.9689

■ 32.6413, 32.6982,
25.3604

■ 23.0523, 19.2057,
4.6361


■ 35.4552, 36.3023,
32.5374


■ 21.9225, 17.3369,
3.0551


■ 38.5981, 40.2304,
40.8535


■ 21.0074, 15.7134,
2.1125


■ 42.0814, 44.4912,
50.3560

 20.7045, 15.1647,
1.8358

 45.9158, 49.0930,
61.0895

 50.1116, 54.0436,
73.0963

 54.6787, 59.3507,
86.4168

 59.6264, 65.0216,
101.0893

Harmonies

Analogous

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



31.0547, 26.4246, 18.5573



27.9508, 26.4246, 14.2170



24.3364, 26.4246, 13.3035

Triad

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



27.9508, 26.4246, 14.2170



18.8834, 26.4246, 31.0871



29.4416, 26.4246, 47.6691

Complementary

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



27.9508, 26.4246, 14.2170



21.2992, 23.3652, 43.9446

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.



25.9117, 26.4246, 53.1145



27.9508, 26.4246, 14.2170



19.9868, 26.4246, 42.1793

Square

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



27.9508, 26.4246, 14.2170



19.3181, 26.4246, 21.6294



22.4793, 26.4246, 50.8978



31.9709, 26.4246, 37.3356

Rectangle

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



27.9508, 26.4246, 14.2170



22.1625, 26.4246, 14.5050



22.4793, 26.4246, 50.8978



28.3204, 26.4246, 50.2313

Sweetspot

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



27.9515, 26.4259, 14.2175



64.6006, 66.4058, 61.1475



26.2117, 18.9315, 26.0150



14.1042, 14.4389, 12.9280



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.9515, 26.4259, 14.2175



46.4383, 42.2044, 17.7193



34.5092, 39.5414, 16.4034



8.3034, 8.6117, 8.4379



14.8878, 10.9812, 1.3349



0.4692, 0.4156, 0.0555

Inverse Universe

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



21.2992, 23.3652, 43.9446



32.9756, 35.9995, 77.8475



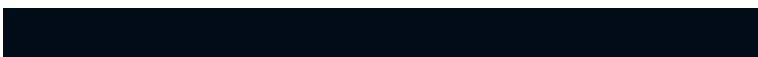
16.6012, 13.9692, 42.3786



7.9176, 8.4346, 10.1634



8.3998, 7.9335, 30.1331



0.2878, 0.3290, 0.8563

Previews

White Background



This preview shows how the XYZ color 27.9508, 26.4246, 14.2170 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 27.9508, 26.4246, 14.2170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

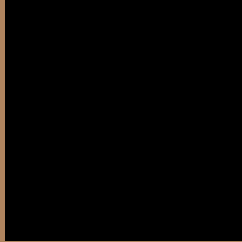
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9508, 26.4246, 14.2170

Background



This preview shows how black text looks on a background with the XYZ color 27.9508, 26.4246, 14.2170.



This preview shows how white text looks on a background with the XYZ color 27.9508, 26.4246,

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

27.9508, 26.4246, 14.2170

Protanopia

24.6784, 26.6070, 15.3902

Deuteranopia

27.0019, 26.5533, 14.0581



Tritanopia

30.6237, 26.5400, 26.8012

Trichromacy



Original Color

27.9508, 26.4246, 14.2170

Protanomaly

25.7434, 26.5136, 15.0701

Deuteranomaly

27.2955, 26.4984, 14.0320

Tritanomaly

29.6615, 26.5460, 21.6497

Monochromacy



Original Color

27.9508, 26.4246, 14.2170

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.8634, 26.4045, 22.8022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9508, 26.4246, 14.2170 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(175, 132, 94)` looks like.

```
.text, #text, p{  
    color:rgb(175, 132, 94)  
}
```

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(175, 132, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 132, 94) }
```

Border

The CSS property to change the border of an element to XYZ 27.9508, 26.4246, 14.2170 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(175, 132, 94) }
```


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

```
.border{ border-color:rgb(175, 132, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 132, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 132, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 132, 94);  
box-shadow:4px 4px 4px 4px rgb(175, 132,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9508, 26.4246, 14.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 132, 94) }
```

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

```
.background{ background-color: rgb(175,  
132, 94) }
```

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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