

Converting Colors

XYZ(25.5087, 22.6107, 14.4103)

Have a look what the booklet for
XYZ(25.5087, 22.6107, 14.4103)
contains.

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Color

**XYZ(25.5491, 22.7146,
14.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7761
RGB	171, 119, 97
RGB Percent	67%, 47%, 38%
CMY	0.3294, 0.5333, 0.6196
CMYK	0.00, 0.30, 0.43, 0.33
HSL	18°, 31%, 53%
HSV	18°, 43%, 67%
XYZ	25.5491, 22.7146, 14.3470
YIQ	132.0400, 38.0540, 4.1820

Conversions

Conversions Part 2

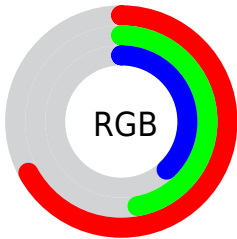
Format	Color
R_{YB}	171, 128, 97
Decimal	11237217
CIE Lab	54.78, 17.61, 20.26
CIE LCh	55, 26.844, 48.993
Yxy	22.7146, 0.4081, 0.3628
Android (android.graphics.Color)	4289427297 (0xFFAB7761)
YUV	132.0400, -17.2747, 34.1679
Hunter-Lab	47.6598, 12.2841, 15.5139

Details

The XYZ color **25.5491, 22.7146, 14.3470** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.0275, 26.9756, 42.5213**, and the grayscale version is **21.9977, 23.1433, 25.2031**.

A 20% lighter version of the original color is **51.9031, 47.7579, 34.4996**, and **9.9683, 8.3236, 4.0988** is the 20% darker color. If you saturate the color by 10%, you get **23.4955, 19.7487, 10.1438**, and if you desaturate by 10%, it is **27.9566, 26.1130, 19.5166**.

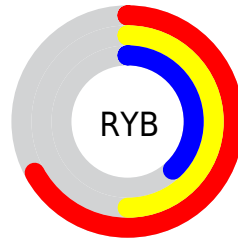
Distribution



Red (67%)

Green (47%)

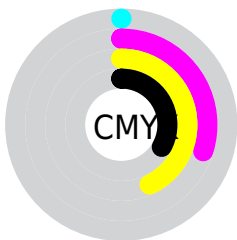
Blue (38%)



Red (67%)

Yellow (50%)

Blue (38%)

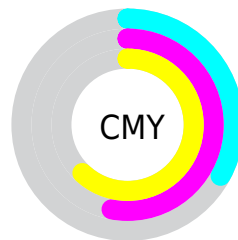


Cyan (0%)

Magenta (30%)

Yellow (43%)

Black (33%)



Cyan (33%)


Magenta (53%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5491, 22.7146, 14.3470 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 25.5491, 22.7146, 14.3470 by changing the saturation by 10% instead.


 25.5491, 22.7146,
14.3470


 25.5491, 22.7146,
14.3470


272.8590,
266.2557, 230.8820


 16.6175, 14.3829,
8.2209


 51.9831, 47.9243,
34.4294


 10.0558, 8.3875,
4.1468


 70.2163, 65.5711,
49.2228

 5.4985, 4.3439,
1.7062


 92.2807, 87.0916,
67.7424

 2.5804, 1.8677,
0.3650

 118.5418,
112.8705, 90.4067

 0.9360, 0.5289,
0.0000

149.3648,
143.2919, 117.6343

 0.0000, 0.0000,
0.0000

185.1151,

178.7403, 149.8437

226.1580,
219.6001, 187.4534

■ 25.5491, 22.7146,
14.3470

■ 25.5491, 22.7146,
14.3470

■ 23.4955, 19.7487,
10.1438

■ 27.9566, 26.1130,
19.5166

■ 21.7761, 17.1942,
6.8446

■ 30.7327, 29.9576,
25.7068

■ 20.3719, 15.0330,
4.3819

■ 33.8935, 34.2651,
32.9695

■ 19.2611, 13.2439,
2.6778

■ 37.4535, 39.0508,
41.3525

■ 18.4182, 11.8037,
1.6396

■ 41.4264, 44.3289,
50.9009

■ 17.9717, 11.0122,
1.1783

■ 45.8253, 50.1132,
61.6570

■ 50.6626, 56.4170,
73.6613

■ 55.9503, 63.2529,
86.9523

■ 61.6998, 70.6331,
101.5667

Harmonies

Analogous

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



27.4392, 22.7146, 19.7917



25.5491, 22.7146, 14.3470



22.6961, 22.7146, 11.9214

Triad

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



25.5491, 22.7146, 14.3470



16.4646, 22.7146, 21.7450



23.4979, 22.7146, 43.5983

Complementary

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



25.5491, 22.7146, 14.3470



23.0275, 26.9756, 42.5213

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.



20.5196, 22.7146, 44.4624



25.5491, 22.7146, 14.3470



16.6366, 22.7146, 30.4335

Square

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



25.5491, 22.7146, 14.3470



17.5681, 22.7146, 15.4942



18.0618, 22.7146, 39.2069



26.1821, 22.7146, 37.0622

Rectangle

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



25.5491, 22.7146, 14.3470



20.7109, 22.7146, 11.8602



18.0618, 22.7146, 39.2069



22.4927, 22.7146, 44.6099

Sweetspot

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



25.5497, 22.7157, 14.3474



60.7283, 61.4032, 59.1089



26.5771, 19.4106, 31.2143



13.2567, 13.3056, 12.5177



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.5497, 22.7157, 14.3474



42.1992, 35.5447, 18.4058



30.6682, 32.9527, 16.0536



8.1921, 8.3891, 8.4008



13.5890, 8.3835, 0.9020



0.4263, 0.3297, 0.0412

Inverse Universe

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



23.0275, 26.9756, 42.5213



37.0535, 44.1335, 75.5676



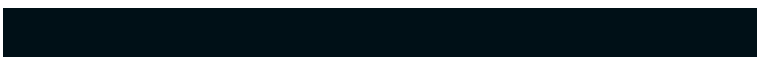
18.1895, 17.2996, 40.9086



8.0322, 8.6638, 10.2016



10.6660, 12.4658, 30.8885



0.3413, 0.4360, 0.8742

Previews

White Background



This preview shows how the XYZ color 25.5491, 22.7146, 14.3470 looks on a white background.

Color Contrast Check

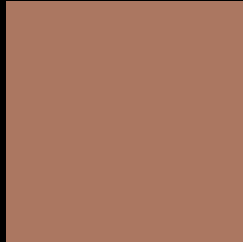
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5491, 22.7146, 14.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

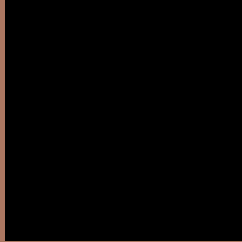
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5491, 22.7146, 14.3470

Background



This preview shows how black text looks on a background with the XYZ color 25.5491, 22.7146, 14.3470.



This preview shows how white text looks on a background with the XYZ color 25.5491, 22.7146,

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

25.5491, 22.7146, 14.3470

Protanopia

21.3298, 22.7674, 15.8407

Deuteranopia

23.2825, 22.8342, 14.2466



Tritanopia

27.0024, 22.6009, 22.0080

Trichromacy



Original Color

25.5491, 22.7146, 14.3470

Protanomaly

22.6521, 22.6782, 15.2400

Deuteranomaly

23.8922, 22.5875, 14.1669

Tritanomaly

26.2959, 22.4763, 18.8720

Monochromacy



Original Color

25.5491, 22.7146, 14.3470

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.7732, 22.6216, 20.6189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5491, 22.7146, 14.3470 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(171, 119, 97)` looks like.

```
.text, #text, p{  
    color:rgb(171, 119, 97)  
}
```

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(171, 119, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 119, 97) }
```

Border

The CSS property to change the border of an element to XYZ 25.5491, 22.7146, 14.3470 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(171, 119, 97) }
```


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

```
.border{ border-color:rgb(171, 119, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 119, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 119, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 119, 97);  
box-shadow:4px 4px 4px 4px rgb(171, 119,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5491, 22.7146, 14.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 119, 97) }
```

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

```
.background{ background-color: rgb(171,  
119, 97) }
```

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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