

Converting Colors

XYZ(14.4290, 13.3560, 12.1992)

Have a look what the booklet for
XYZ(14.4290, 13.3560, 12.1992)
contains.

XYZ(14.4708, 13.4411, 12.1876)	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(14.4708, 13.4411,
12.1876)**

Conversions

Conversions Part 1

Format	Color
Hex	7C605D
RGB	124, 96, 93
RGB Percent	49%, 38%, 36%
CMY	0.5137, 0.6235, 0.6353
CMYK	0.00, 0.23, 0.25, 0.51
HSL	6°, 14%, 43%
HSV	6°, 25%, 49%
XYZ	14.4708, 13.4411, 12.1876
YIQ	104.0300, 17.6510, 5.0030

Conversions

Conversions Part 2

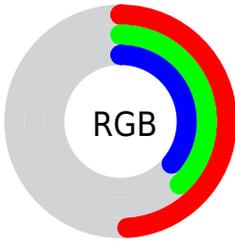
Format	Color
R_{YB}	124, 96, 93
Decimal	8151133
CIE _{Lab}	43.42, 10.86, 6.06
CIE _{LCh}	43, 12.440, 29.166
Yxy	13.4411, 0.3609, 0.3352
Android (android.graphics.Color)	4286341213 (0xFF7C605D)
YUV	104.0300, -5.4378, 17.5137
Hunter-Lab	36.6621, 6.2966, 5.9537

Details

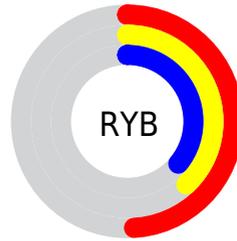
The XYZ color **14.4708, 13.4411, 12.1876** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.9895, 17.4566, 21.6483**, and the grayscale version is **13.1772, 13.8634, 15.0973**.

A 20% lighter version of the original color is **33.5231, 32.1977, 30.4345**, and **4.4777, 3.9423, 3.2143** is the 20% darker color. If you saturate the color by 10%, you get **13.0156, 11.3394, 9.2090**, and if you desaturate by 10%, it is **16.1614, 15.8709, 15.6844**.

Distribution



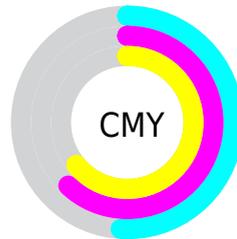
- Red (49%)
- Green (38%)
- Blue (36%)



- Red (49%)
- Yellow (38%)
- Blue (36%)



- Cyan (0%)
- Magenta (23%)
- Yellow (25%)
- Black (51%)



- Cyan (51%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4708, 13.4411, 12.1876 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 14.4708, 13.4411, 12.1876 by changing the saturation by 10% instead.

■ 14.4708, 13.4411,
12.1876

■ 14.4708, 13.4411,
12.1876

213.5929,
213.7256, 216.6651

■ 8.5327, 7.7330,
6.7475

■ 33.5014, 32.0940,
30.5058

■ 4.4923, 3.9246,
3.2286

■ 47.3247, 45.8076,
44.2210

■ 1.9843, 1.6315,
1.2125

■ 64.5070, 62.9584,
61.5316

■ 0.6251, 0.3787,
0.0000

■ 85.4139, 83.9309,
82.8562

■ 0.0000, 0.0000,
0.0000

110.4105,
109.1095, 108.6133

139.8623,

138.8786, 139.2215

174.1346,
173.6225, 175.0992

■ 14.4708, 13.4411,
12.1876

■ 14.4708, 13.4411,
12.1876

■ 13.0156, 11.3394,
9.2090

■ 16.1614, 15.8709,
15.6844

■ 11.7842, 9.5499,
6.7232

■ 18.0962, 18.6399,
19.7216

■ 10.7659, 8.0582,
4.7038

■ 20.2845, 21.7613,
24.3210

■ 9.9485, 6.8482,
3.1217

■ 22.7352, 25.2468,
29.5031

■ 9.3186, 5.9021,
1.9444

■ 25.4566, 29.1076,
35.2873

■ 8.8611, 5.2001,
1.1351

■ 28.4566, 33.3545,
41.6920

■ 8.5562, 4.7188,
0.6379

■ 31.7429, 37.9977,
48.7349

■ 8.4438, 4.5483,
0.4329

■ 35.3227, 43.0473,
56.4332

■ 39.2031, 48.5128,
64.8030

Harmonies

Analogous

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



14.7286, 13.4411, 14.7128



14.4708, 13.4411, 12.1876



13.7534, 13.4411, 10.5180

Triad

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



14.4708, 13.4411, 12.1876



11.2427, 13.4411, 12.0690



12.7483, 13.4411, 20.6393

Complementary

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



14.4708, 13.4411, 12.1876



14.9895, 17.4566, 21.6483

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.



11.8448, 13.4411, 19.7068



14.4708, 13.4411, 12.1876



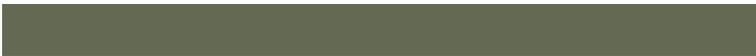
11.0029, 13.4411, 14.5576

Square

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



14.4708, 13.4411, 12.1876



11.8895, 13.4411, 10.4559



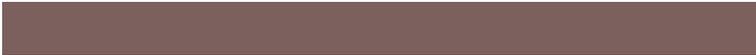
11.2178, 13.4411, 17.3901



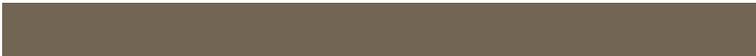
13.7042, 13.4411, 19.8015

Rectangle

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



14.4708, 13.4411, 12.1876



13.1285, 13.4411, 9.9984



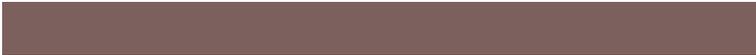
11.2178, 13.4411, 17.3901



12.4286, 13.4411, 20.5207

Sweetspot

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



14.4712, 13.4417, 12.1879



31.0700, 31.6942, 33.0834



15.7034, 13.5046, 20.0025



7.2816, 7.4132, 7.7166



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

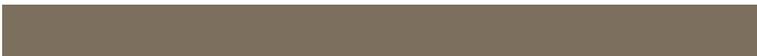
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.4712, 13.4417, 12.1879



23.9531, 21.4720, 18.3444



15.9816, 16.4626, 12.6914



4.0267, 4.0718, 4.1982



8.5829, 4.6216, 0.4397



40.6441, 21.4516, 1.9984

Inverse Universe

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



14.9895, 17.4566, 21.6483



25.0278, 29.8065, 37.9907



13.2979, 14.0734, 21.0844



4.0755, 4.4493, 5.0872



9.5867, 13.2558, 21.4387



45.3854, 62.5434, 102.1498

Previews

White Background



This preview shows how the XYZ color 14.4708, 13.4411, 12.1876 looks on a white 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

Black Background



This preview shows how the XYZ color 14.4708, 13.4411, 12.1876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

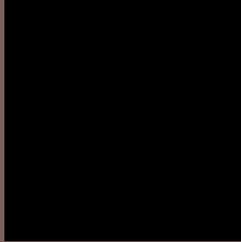
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

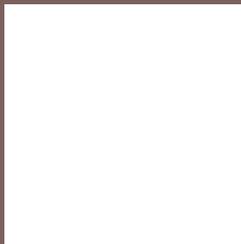
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4708, 13.4411, 12.1876

Background



This preview shows how black text looks on a background with the XYZ color 14.4708, 13.4411, 12.1876.



This preview shows how white text looks on a background with the XYZ color 14.4708, 13.4411,

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

14.4708, 13.4411, 12.1876

Protanopia

12.8065, 13.4114, 12.9800

Deuteranopia

13.7297, 13.4783, 12.0032



Tritanopia

14.9479, 13.5037, 14.3890

Trichromacy



Original Color

14.4708, 13.4411, 12.1876

Protanomaly

13.4328, 13.4513, 12.7148

Deuteranomaly

14.0452, 13.5011, 11.9909

Tritanomaly

14.8018, 13.4452, 13.6194

Monochromacy



Original Color

14.4708, 13.4411, 12.1876

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.5095, 13.6070, 13.9710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4708, 13.4411, 12.1876 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(124, 96, 93)` looks like.

```
.text, #text, p{  
    color:rgb(124, 96, 93)  
}
```

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(124, 96, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 96, 93) }
```

Border

The CSS property to change the border of an element to XYZ 14.4708, 13.4411, 12.1876 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(124, 96, 93) }
```

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

```
.border{ border-color:rgb(124, 96, 93) }
```

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

Here you see how a box with a 4 pixel rgb(124, 96, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 96, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 96, 93);  
box-shadow:4px 4px 4px 4px rgb(124, 96,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4708, 13.4411, 12.1876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 96, 93) }
```

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

```
.background{ background-color: rgb(124, 96,  
93) }
```

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