

Converting Colors

XYZ(24.3988, 22.2973, 14.4235)

Have a look what the booklet for
XYZ(24.3988, 22.2973, 14.4235)
contains.

XYZ(24.3912, 22.2953, 14.3271)	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(24.3912, 22.2953,
14.3271)**

Conversions

Conversions Part 1

Format	Color
Hex	A57861
RGB	165, 120, 97
RGB Percent	65%, 47%, 38%
CMY	0.3529, 0.5294, 0.6196
CMYK	0.00, 0.27, 0.41, 0.35
HSL	20°, 27%, 51%
HSV	20°, 41%, 65%
XYZ	24.3912, 22.2953, 14.3271
YIQ	130.8330, 34.2030, 2.3870

Conversions

Conversions Part 2

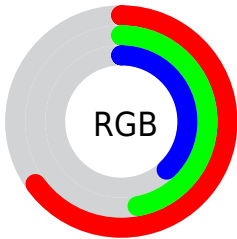
Format	Color
R_{YB}	165, 132, 97
Decimal	10844257
CIE _{Lab}	54.34, 14.55, 19.55
CIE _{LCh}	54, 24.370, 53.335
Yxy	22.2953, 0.3998, 0.3654
Android (android.graphics.Color)	4289034337 (0xFFA57861)
YUV	130.8330, -16.6797, 29.9645
Hunter-Lab	47.2179, 9.5759, 15.0624

Details

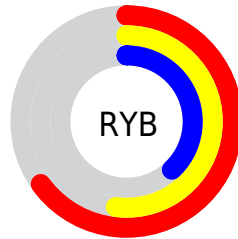
The XYZ color **24.3912, 22.2953, 14.3271** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.3940, 24.6032, 39.2187**, and the grayscale version is **21.5633, 22.6863, 24.7054**.

A 20% lighter version of the original color is **49.9166, 47.0153, 34.4609**, and **9.3845, 8.1163, 4.0896** is the 20% darker color. If you saturate the color by 10%, you get **22.4614, 19.5416, 10.2749**, and if you desaturate by 10%, it is **26.6319, 25.4147, 19.2729**.

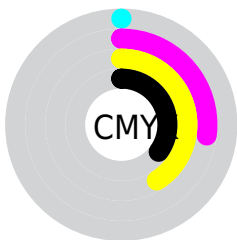
Distribution



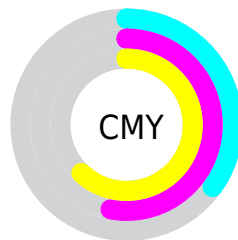
- Red (65%)
- Green (47%)
- Blue (38%)



- Red (65%)
- Yellow (52%)
- Blue (38%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)
- Black (35%)





- Cyan (35%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3912, 22.2953, 14.3271 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 24.3912, 22.2953, 14.3271 by changing the saturation by 10% instead.


 24.3912, 22.2953,
14.3271


 24.3912, 22.2953,
14.3271


267.1963,
264.0845, 230.7551


 15.7504, 14.0740,
8.2072


 50.1179, 47.2336,
34.3937

 9.4374, 8.1722,
4.1381


 67.9344, 64.7194,
49.1775

 5.0870, 4.2053,
1.7014

 89.5403, 86.0622,
67.6864

 2.3337, 1.7891,
0.3617

 115.3008,
111.6463, 90.3388

 0.8118, 0.4803,
0.0000

145.5813,
141.8563, 117.5533

 0.0000, 0.0000,
0.0000

180.7471,

177.0763, 149.7486

221.1636,
217.6910, 187.3430

■ 24.3912, 22.2953,
14.3271

■ 24.3912, 22.2953,
14.3271

■ 22.4614, 19.5416,
10.2749

■ 26.6319, 25.4147,
19.2729

■ 20.8259, 17.1363,
7.0606

■ 29.1957, 28.9097,
25.1608

■ 19.4688, 15.0655,
4.6244

■ 32.0963, 32.7940,
32.0371

■ 18.3717, 13.3129,
2.8977

■ 35.3458, 37.0793,
39.9449

■ 17.5139, 11.8606,
1.7997

■ 38.9559, 41.7771,
48.9246

■ 16.9224, 10.8100,
1.1946

■ 42.9377, 46.8983,
59.0144

■ 47.3016, 52.4533,
70.2507

■ 52.0579, 58.4522,
82.6682

■ 57.2163, 64.9049,
96.3001

Harmonies

Analogous

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



26.2379, 22.2953, 18.9279



24.3912, 22.2953, 14.3271



21.7896, 22.2953, 12.4481

Triad

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



24.3912, 22.2953, 14.3271



16.5099, 22.2953, 22.6166



23.2803, 22.2953, 40.3456

Complementary

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



24.3912, 22.2953, 14.3271



21.3940, 24.6032, 39.2187

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.



20.6035, 22.2953, 41.9062



24.3912, 22.2953, 14.3271



16.8367, 22.2953, 30.5466

Square

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



24.3912, 22.2953, 14.3271



17.3506, 22.2953, 16.5435



18.2837, 22.2953, 38.0091



25.5600, 22.2953, 34.1053

Rectangle

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



24.3912, 22.2953, 14.3271



20.0341, 22.2953, 12.6385



18.2837, 22.2953, 38.0091



22.3917, 22.2953, 41.4821

Sweetspot

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



24.3918, 22.2964, 14.3275



56.9304, 57.9980, 56.0519



24.6995, 18.5120, 27.9941



12.3030, 12.4889, 11.9117



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.



24.3918, 22.2964, 14.3275



40.6502, 35.6094, 19.2672



29.1755, 31.8639, 15.9221



7.2605, 7.4594, 7.4372



12.8443, 8.2624, 0.9178



0.3122, 0.2582, 0.0334

Inverse Universe

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



21.3940, 24.6032, 39.2187



34.5585, 40.2496, 69.6999



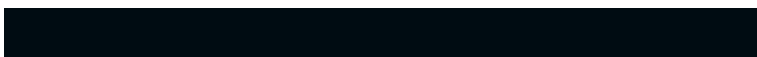
17.1193, 16.0538, 37.7938



7.0733, 7.6057, 8.9983



9.3372, 10.4538, 28.4554



0.2372, 0.3016, 0.6116

Previews

White Background



This preview shows how the XYZ color 24.3912, 22.2953, 14.3271 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 24.3912, 22.2953, 14.3271 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 24.3912, 22.2953, 14.3271

Background



This preview shows how black text looks on a background with the XYZ color 24.3912, 22.2953, 14.3271.



This preview shows how white text looks on a background with the XYZ color 24.3912, 22.2953,

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

24.3912, 22.2953, 14.3271

Protanopia

21.0284, 22.4135, 15.7883

Deuteranopia

22.7714, 22.3818, 14.1863



Tritanopia

26.0955, 22.2963, 22.3303

Trichromacy



Original Color

24.3912, 22.2953, 14.3271

Protanomaly

21.9738, 22.1377, 15.1714

Deuteranomaly

23.2948, 22.2795, 14.1389

Tritanomaly

25.3922, 22.1759, 19.1617

Monochromacy



Original Color

24.3912, 22.2953, 14.3271

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.2468, 22.3503, 20.5943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3912, 22.2953, 14.3271 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(165, 120, 97)` looks like.

```
.text, #text, p{  
    color:rgb(165, 120, 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(165, 120, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 120, 97) }
```

Border

The CSS property to change the border of an element to XYZ 24.3912, 22.2953, 14.3271 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(165, 120, 97) }
```


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

```
.border{ border-color:rgb(165, 120, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 120, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 120, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 120, 97);  
box-shadow:4px 4px 4px 4px rgb(165, 120,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3912, 22.2953, 14.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 120, 97) }
```

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

```
.background{ background-color: rgb(165,  
120, 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](#).

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