

Converting Colors

XYZ(21.7594, 24.8108, 14.4717)

Have a look what the booklet for
XYZ(21.7594, 24.8108, 14.4717)
contains.

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Color

**XYZ(21.7602, 24.9008,
14.4859)**

Conversions

Conversions Part 1

Format	Color
Hex	898C5F
RGB	137, 140, 95
RGB Percent	54%, 55%, 37%
CMY	0.4627, 0.4510, 0.6274
CMYK	0.02, 0.00, 0.32, 0.45
HSL	64°, 19%, 46%
HSV	64°, 32%, 55%
XYZ	21.7602, 24.9008, 14.4859
YIQ	133.9730, 12.6570, -14.6310

Conversions

Conversions Part 2

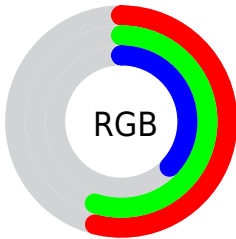
Format	Color
R_{YB}	95, 140, 98
Decimal	9014367
CIE _{Lab}	56.98, -8.69, 23.73
CIE _{LCh}	57, 25.266, 110.111
Yxy	24.9008, 0.3559, 0.4072
Android (android.graphics.Color)	4287204447 (0xFF898C5F)
YUV	133.9730, -19.2137, 2.6547
Hunter-Lab	49.9007, -9.4877, 17.7189

Details

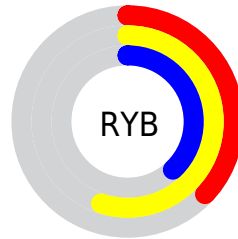
The XYZ color **21.7602, 24.9008, 14.4859** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.8638, 12.6752, 26.5283**, and the grayscale version is **22.7157, 23.8987, 26.0257**.

A 20% lighter version of the original color is **45.7441, 51.2916, 34.6834**, and **8.0274, 9.5042, 4.2077** is the 20% darker color. If you saturate the color by 10%, you get **21.0279, 24.5911, 11.4230**, and if you desaturate by 10%, it is **22.6095, 25.2592, 18.1523**.

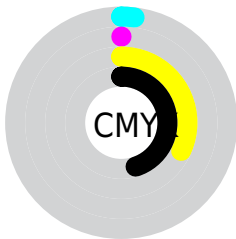
Distribution



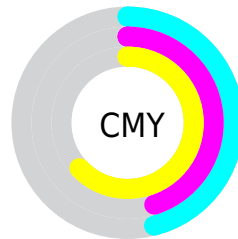
- Red (54%)
- Green (55%)
- Blue (37%)



- Red (37%)
- Yellow (55%)
- Blue (38%)



- Cyan (2%)
- Magenta (0%)
- Yellow (32%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7602, 24.9008, 14.4859 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 21.7602, 24.9008, 14.4859 by changing the saturation by 10% instead.

■ 21.7602, 24.9008,
14.4859

■ 21.7602, 24.9008,
14.4859

253.9474,
277.3436, 231.7656

■ 13.7964, 16.0032,
8.3168

■ 45.8311, 51.4962,
34.6782

■ 8.0600, 9.5264,
4.2077

■ 62.6690, 69.9628,
49.5384

■ 4.1855, 5.0861,
1.7399

■ 83.1957, 92.3879,
68.1328

■ 1.8076, 2.2979,
0.3879

■ 107.7764,
119.1558, 90.8799

■ 0.5222, 0.7726,
0.0000

136.7766,
150.6509, 118.1982

■ 0.0000, 0.0000,
0.0000

170.5615,

187.2576, 150.5062

209.4967,
229.3604, 188.2225

■ 21.7602, 24.9008,
14.4859

■ 21.7602, 24.9008,
14.4859

■ 21.0279, 24.5911,
11.4230

■ 22.6095, 25.2592,
18.1523

■ 20.4046, 24.3243,
8.9299

■ 23.5795, 25.6651,
22.4507

■ 19.8842, 24.0989,
6.9717

■ 24.6763, 26.1219,
27.4093

■ 19.4592, 23.9117,
5.5093

■ 25.9048, 26.6315,
33.0544

■ 19.1212, 23.7595,
4.4979

■ 27.2697, 27.1959,
39.4109

■ 18.8602, 23.6382,
3.8852

■ 28.7754, 27.8167,
46.5023

■ 18.6861, 23.5554,
3.5618

■ 30.4263, 28.4958,
54.3510

■ 32.2265, 29.2347,
62.9786

■ 34.1799, 30.0351,
72.4058

Harmonies

Analogous

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



24.6604, 24.9008, 13.9956



21.7602, 24.9008, 14.4859



19.5558, 24.9008, 17.9294

Triad

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



21.7602, 24.9008, 14.4859



20.1953, 24.9008, 41.6748



29.7420, 24.9008, 30.0155

Complementary

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



21.7602, 24.9008, 14.4859



13.8638, 12.6752, 26.5283

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.



28.3185, 24.9008, 38.9937



21.7602, 24.9008, 14.4859



22.7015, 24.9008, 46.5957

Square

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



21.7602, 24.9008, 14.4859



18.7060, 24.9008, 33.1253



25.6830, 24.9008, 45.5234



29.4368, 24.9008, 21.8756

Rectangle

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



21.7602, 24.9008, 14.4859



18.6995, 24.9008, 21.9273



25.6830, 24.9008, 45.5234



29.4455, 24.9008, 33.0573

Sweetspot

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



21.7608, 24.9019, 14.4864



41.9255, 45.3948, 41.1769



17.2493, 15.1377, 12.8395



9.6077, 10.4380, 9.2505



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.7608, 24.9019, 14.4864



37.3534, 43.4730, 21.3003



18.4492, 23.1947, 14.3314



5.3987, 5.8283, 5.3928



16.6089, 20.9322, 3.1649



0.1149, 0.1414, 0.0212

Inverse Universe

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



13.8638, 12.6752, 26.5283



21.0596, 18.2406, 46.1538



16.6419, 14.1073, 26.6583



4.8036, 4.9072, 6.2998



4.3168, 1.7395, 22.1539



0.0322, 0.0134, 0.1473

Previews

White Background



This preview shows how the XYZ color 21.7602, 24.9008, 14.4859 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 21.7602, 24.9008, 14.4859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

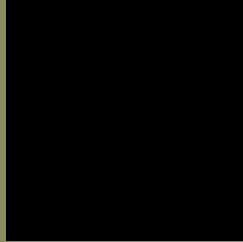
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7602, 24.9008, 14.4859

Background



This preview shows how black text looks on a background with the XYZ color 21.7602, 24.9008, 14.4859.



This preview shows how white text looks on a background with the XYZ color 21.7602, 24.9008,

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

21.7602, 24.9008, 14.4859

Protanopia

23.1788, 24.9954, 14.1926

Deuteranopia

25.1743, 24.7770, 14.7649



Tritanopia

24.8868, 24.9035, 29.8807

Trichromacy



Original Color

21.7602, 24.9008, 14.4859

Protanomaly

22.6105, 24.9144, 14.2069

Deuteranomaly

23.7733, 24.6670, 14.5746

Tritanomaly

23.5546, 24.7774, 23.2797

Monochromacy



Original Color

21.7602, 24.9008, 14.4859

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.1860, 24.1153, 21.2547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7602, 24.9008, 14.4859 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(137, 140, 95)` looks like.

```
.text, #text, p{  
    color:rgb(137, 140, 95)  
}
```

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(137, 140, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 140, 95) }
```

Border

The CSS property to change the border of an element to XYZ 21.7602, 24.9008, 14.4859 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(137, 140, 95) }
```


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

```
.border{ border-color:rgb(137, 140, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 140, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 140, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 140, 95);  
box-shadow:4px 4px 4px 4px rgb(137, 140,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7602, 24.9008, 14.4859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 140, 95) }
```

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

```
.background{ background-color: rgb(137,  
140, 95) }
```

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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