

Converting Colors

XYZ(24.1183, 25.7428, 17.8259)

Have a look what the booklet for
XYZ(24.1183, 25.7428, 17.8259)
contains.

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Color

**XYZ(24.1521, 25.8438,
17.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	948B6C
RGB	148, 139, 108
RGB Percent	58%, 55%, 42%
CMY	0.4196, 0.4549, 0.5765
CMYK	0.00, 0.06, 0.27, 0.42
HSL	47°, 16%, 50%
HSV	47°, 27%, 58%
XYZ	24.1521, 25.8438, 17.9028
YIQ	138.1570, 15.3150, -7.7330

Conversions

Conversions Part 2

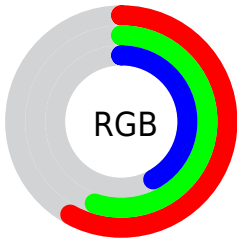
Format	Color
R_{YB}	120, 148, 108
Decimal	9735020
CIE Lab	57.89, -1.79, 17.83
CIE LCh	58, 17.916, 95.731
Yxy	25.8438, 0.3557, 0.3806
Android (android.graphics.Color)	4287925100 (0xFF948B6C)
YUV	138.1570, -14.8674, 8.6323
Hunter-Lab	50.8368, -4.1607, 14.7061

Details

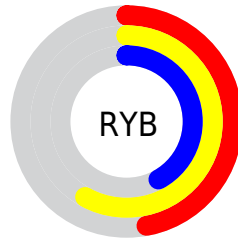
The XYZ color **24.1521, 25.8438, 17.9028** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.8908, 18.0484, 30.5578**, and the grayscale version is **24.2688, 25.5327, 27.8051**.

A 20% lighter version of the original color is **49.5519, 52.7939, 40.8363**, and **9.3178, 10.0124, 5.7165** is the 20% darker color. If you saturate the color by 10%, you get **22.9559, 24.6067, 13.9424**, and if you desaturate by 10%, it is **25.4980, 27.1661, 22.5735**.

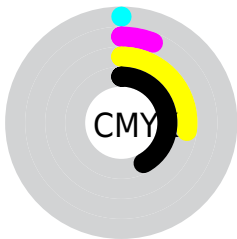
Distribution



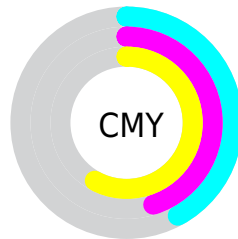
- Red (58%)
- Green (55%)
- Blue (42%)



- Red (47%)
- Yellow (58%)
- Blue (42%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (42%)





- Cyan (42%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1521, 25.8438, 17.9028 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 24.1521, 25.8438, 17.9028 by changing the saturation by 10% instead.


 24.1521, 25.8438,
17.9028


 24.1521, 25.8438,
17.9028


266.0148,
282.0145, 252.5403


 15.5718, 16.7068,
10.7115


 49.7312, 53.0229,
40.6833


 9.3106, 10.0257,
5.7615


 67.4607, 71.8337,
57.1096

 5.0031, 5.4160,
2.6342

 88.9706, 94.6380,
77.4514

 2.2838, 2.4933,
0.9100

 114.6264,
121.8201, 102.1271

 0.7864, 0.8733,
0.0000

144.7934,
153.7644, 131.5553

 0.0000, 0.0000,
0.0000

179.8368,

190.8553, 166.1545

220.1222,
233.4772, 206.3433

■ 24.1521, 25.8438,
17.9028

■ 24.1521, 25.8438,
17.9028

■ 22.9559, 24.6067,
13.9424

■ 25.4980, 27.1661,
22.5735

■ 21.9006, 23.4483,
10.6551

■ 26.9981, 28.5728,
27.9859

■ 20.9794, 22.3667,
8.0027

■ 28.6591, 30.0678,
34.1716

■ 20.1841, 21.3582,
5.9425

■ 30.4865, 31.6535,
41.1599

■ 19.5053, 20.4190,
4.4267

■ 32.4858, 33.3322,
48.9783

■ 18.9326, 19.5447,
3.3998

■ 34.6621, 35.1062,
57.6534

■ 18.4480, 18.7278,
2.7689

■ 37.0203, 36.9776,
67.2103

■ 18.3108, 18.4919,
2.6042

■ 39.5652, 38.9485,
77.6732

■ 42.3011, 41.0209,
89.0653

Harmonies

Analogous

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



26.3072, 25.8438, 18.6450



24.1521, 25.8438, 17.9028



22.2216, 25.8438, 19.5607

Triad

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



24.1521, 25.8438, 17.9028



21.3501, 25.8438, 35.6575



28.5398, 25.8438, 33.3065

Complementary

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



24.1521, 25.8438, 17.9028



17.8908, 18.0484, 30.5578

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.



27.0650, 25.8438, 38.9187



24.1521, 25.8438, 17.9028



22.8991, 25.8438, 40.4090

Square

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



24.1521, 25.8438, 17.9028



20.6657, 25.8438, 29.3418



24.9801, 25.8438, 41.6820



28.9235, 25.8438, 26.9705

Rectangle

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



24.1521, 25.8438, 17.9028



21.2948, 25.8438, 21.9702



24.9801, 25.8438, 41.6820



28.1512, 25.8438, 35.3675

Sweetspot

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



24.1528, 25.8450, 17.9033



47.3227, 50.1262, 48.2295



20.8061, 18.3136, 19.3712



10.7151, 11.3616, 10.6901



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.1528, 25.8450, 17.9033



41.3995, 44.3581, 27.5167



23.6681, 27.6092, 18.2694



6.1560, 6.5257, 6.1756



15.6611, 15.8367, 2.2314



0.2135, 0.2374, 0.0346

Inverse Universe

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



17.8908, 18.0484, 30.5578



28.5904, 28.4129, 53.4119



18.2702, 16.7620, 30.2895



5.5990, 5.8321, 7.3003



5.0550, 2.8048, 24.2060



0.0808, 0.0722, 0.3026

Previews

White Background



This preview shows how the XYZ color 24.1521, 25.8438, 17.9028 looks on a white background.

Color Contrast Check

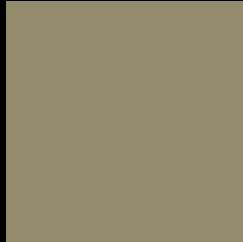
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1521, 25.8438, 17.9028 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 24.1521, 25.8438, 17.9028

Background



This preview shows how black text looks on a background with the XYZ color 24.1521, 25.8438, 17.9028.



This preview shows how white text looks on a background with the XYZ color 24.1521, 25.8438,

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

24.1521, 25.8438, 17.9028

Protanopia

24.1521, 25.8438, 17.9028

Deuteranopia

26.3897, 25.9409, 18.0842



Tritanopia

26.5848, 25.7699, 30.3610

Trichromacy



Original Color

24.1521, 25.8438, 17.9028

Protanomaly

24.1521, 25.8438, 17.9028

Deuteranomaly

25.6650, 25.9815, 18.1302

Tritanomaly

25.7315, 25.8536, 25.4638

Monochromacy



Original Color

24.1521, 25.8438, 17.9028

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0746, 25.4600, 23.7241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1521, 25.8438, 17.9028 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(148, 139, 108)` looks like.

```
.text, #text, p{  
    color:rgb(148, 139, 108)  
}
```

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(148, 139, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 139, 108) }
```

Border

The CSS property to change the border of an element to XYZ 24.1521, 25.8438, 17.9028 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(148, 139, 108) }
```


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

```
.border{ border-color:rgb(148, 139, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 139, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 139, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 139, 108);  
box-shadow:4px 4px 4px 4px rgb(148, 139,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1521, 25.8438, 17.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 139, 108) }
```

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

```
.background{ background-color: rgb(148,  
139, 108) }
```

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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