

Converting Colors

XYZ(21.7878, 25.3635, 22.3885)

Have a look what the booklet for
XYZ(21.7878, 25.3635, 22.3885)
contains.

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Color

**XYZ(21.8551, 25.4350,
22.4964)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7D8F7B |
| RGB | 125, 143, 123 |
| RGB Percent | 49%, 56%, 48% |
| CMY | 0.5098, 0.4392, 0.5176 |
| CMYK | 0.13, 0.00, 0.14, 0.44 |
| HSL | 114°, 8%, 52% |
| HSV | 114°, 14%, 56% |
| XYZ | 21.8551, 25.4350, 22.4964 |
| YIQ | 135.3380, -4.3080, -10.0360 |

Conversions

Conversions Part 2

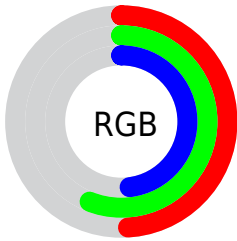
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 123, 143, 141 |
| Decimal | 8228731 |
| CIE _{Lab} | 57.50, -10.48, 8.48 |
| CIE _{LCh} | 57, 13.481, 141.003 |
| Yxy | 25.4350, 0.3132, 0.3645 |
| Android (android.graphics.Color) | 4286418811 (0xFF7D8F7B) |
| YUV | 135.3380, -6.0826, -9.0664 |
| Hunter-Lab | 50.4331, -10.9053, 8.8561 |

Details

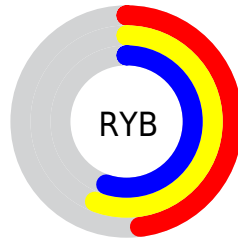
The XYZ color **21.8551, 25.4350, 22.4964** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0263, 21.8125, 28.9846**, and the grayscale version is **23.1784, 24.3854, 26.5557**.

A 20% lighter version of the original color is **46.0642, 52.4926, 48.2617**, and **8.1309, 9.8596, 7.9531** is the 20% darker color. If you saturate the color by 10%, you get **19.2659, 24.1970, 18.0387**, and if you desaturate by 10%, it is **24.8200, 26.8531, 27.6554**.

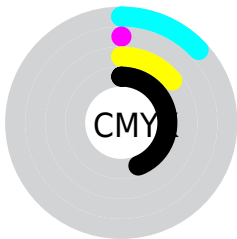
Distribution



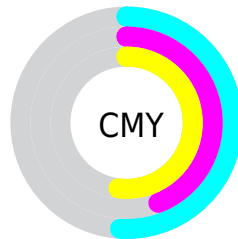
- Red (49%)
- Green (56%)
- Blue (48%)



- Red (48%)
- Yellow (56%)
- Blue (55%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8551, 25.4350, 22.4964 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 21.8551, 25.4350, 22.4964 by changing the saturation by 10% instead.

■ 21.8551, 25.4350,
22.4964

■ 21.8551, 25.4350,
22.4964

254.4352,
279.9974, 278.1653

■ 13.8665, 16.4014,
14.0203

■ 45.9870, 52.3620,
48.4777

■ 8.1089, 9.8087,
7.9959

■ 62.8610, 71.0243,
66.8201

■ 4.2171, 5.2723,
4.0046

■ 83.4276, 93.6650,
89.2882

■ 1.8257, 2.4079,
1.6279

108.0520,
120.6684, 116.3008

■ 0.5331, 0.8299,
0.3106

137.0996,
152.4189, 148.2762

■ 0.0000, 0.0000,
0.0000

170.9357,

189.3010, 185.6331

209.9259,
231.6990, 228.7899

■ 21.8551, 25.4350,
22.4964

■ 21.8551, 25.4350,
22.4964

■ 19.2659, 24.1970,
18.0387

■ 24.8200, 26.8531,
27.6554

■ 17.0354, 23.1286,
14.2505

■ 28.1725, 28.4546,
33.5424

■ 15.1484, 22.2236,
11.1000

■ 31.9269, 30.2469,
40.1848

■ 13.5876, 21.4738,
8.5521

■ 36.0957, 32.2360,
47.6079

■ 12.3345, 20.8704,
6.5683

■ 40.6912, 34.4277,
55.8360

■ 11.3685, 20.4038,
5.1058

■ 45.7249, 36.8274,
64.8923

■ 10.6666, 20.0631,
4.1157

■ 51.2082, 39.4406,
74.7990

■ 10.2018, 19.8358,
3.5379

■ 57.1518, 42.2722,
85.5775

■ 10.0087, 19.7417,
3.2830

■ 63.5661, 45.3272,
97.2485

Harmonies

Analogous

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



23.0858, 25.4350, 20.2353



21.8551, 25.4350, 22.4964



21.2533, 25.4350, 26.3350

Triad

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



21.8551, 25.4350, 22.4964



23.6958, 25.4350, 37.3738



27.1724, 25.4350, 24.6457

Complementary

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



21.8551, 25.4350, 22.4964



23.0263, 21.8125, 28.9846

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.



27.3534, 25.4350, 29.0997



21.8551, 25.4350, 22.4964



25.2983, 25.4350, 36.7925

Square

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



21.8551, 25.4350, 22.4964



22.2846, 25.4350, 35.1473



26.6540, 25.4350, 33.6371



26.1698, 25.4350, 21.3774

Rectangle

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



21.8551, 25.4350, 22.4964



21.2705, 25.4350, 29.4158



26.6540, 25.4350, 33.6371



27.3330, 25.4350, 26.0414

Sweetspot

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



21.8558, 25.4361, 22.4970



44.3915, 48.0610, 49.4280



24.4288, 26.3207, 22.5321



10.0903, 10.9786, 11.1783



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.8558, 25.4361, 22.4970



37.5009, 44.7665, 37.4569



22.0884, 25.4957, 25.2304



5.3898, 6.0536, 5.7738



8.8586, 17.4594, 2.9031



0.0926, 0.1710, 0.0281

Inverse Universe

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



23.0263, 21.8125, 28.9846



40.0430, 36.8952, 51.5490



22.7847, 21.7555, 25.9209



5.5739, 5.4840, 6.7935



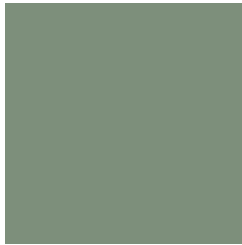
12.3584, 5.8646, 23.4577



0.1281, 0.0612, 0.2247

Previews

White Background



This preview shows how the XYZ color 21.8551, 25.4350, 22.4964 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 21.8551, 25.4350, 22.4964 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

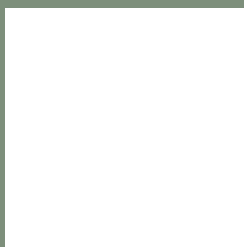
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8551, 25.4350, 22.4964

Background



This preview shows how black text looks on a background with the XYZ color 21.8551, 25.4350, 22.4964.



This preview shows how white text looks on a background with the XYZ color 21.8551, 25.4350,

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

21.8551, 25.4350, 22.4964

Protanopia

23.8374, 25.1767, 21.3725

Deuteranopia

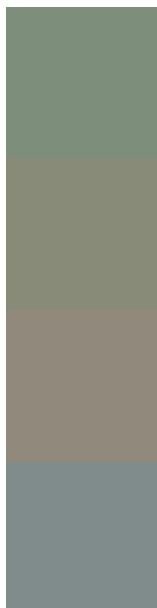
25.7995, 25.3236, 22.9302



Tritanopia

23.7909, 25.3344, 32.4903

Trichromacy



Original Color

21.8551, 25.4350, 22.4964

Protanomaly

23.0003, 25.1641, 21.7341

Deuteranomaly

24.2608, 25.3663, 22.6863

Tritanomaly

23.0138, 25.2388, 28.4696

Monochromacy



Original Color

21.8551, 25.4350, 22.4964

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.5453, 24.6409, 25.0406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8551, 25.4350, 22.4964 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(125, 143, 123)` looks like.

```
.text, #text, p{  
    color:rgb(125, 143, 123)  
}
```

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(125, 143, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 143, 123) }
```

Border

The CSS property to change the border of an element to XYZ 21.8551, 25.4350, 22.4964 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(125, 143, 123) }
```


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

```
.border{ border-color:rgb(125, 143, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 143, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 143, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 143, 123);  
box-shadow:4px 4px 4px 4px rgb(125, 143,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8551, 25.4350, 22.4964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 143, 123) }
```

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

```
.background{ background-color: rgb(125,  
143, 123) }
```

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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