

Converting Colors

XYZ(22.3939, 25.1109, 28.5427)

Have a look what the booklet for
XYZ(22.3939, 25.1109, 28.5427)
contains.

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Color

**XYZ(22.4269, 25.1542,
28.4842)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8D8C
RGB	123, 141, 140
RGB Percent	48%, 55%, 55%
CMY	0.5176, 0.4470, 0.4510
CMYK	0.13, 0.00, 0.01, 0.45
HSL	177°, 7%, 52%
HSV	177°, 13%, 55%
XYZ	22.4269, 25.1542, 28.4842
YIQ	135.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

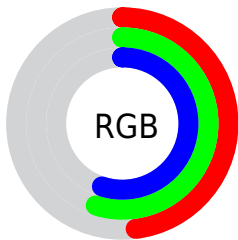
Format	Color
R_{YB}	123, 132, 141
Decimal	8097164
CIE Lab	57.23, -6.66, -1.66
CIE LCh	57, 6.863, 194.010
Yxy	25.1542, 0.2948, 0.3307
Android (android.graphics.Color)	4286287244 (0xFF7B8D8C)
YUV	135.5040, 2.2165, -10.9660
Hunter-Lab	50.1540, -7.9512, 1.4349

Details

The XYZ color **22.4269, 25.1542, 28.4842** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.7065, 21.2846, 22.0342**, and the grayscale version is **23.2119, 24.4207, 26.5941**.

A 20% lighter version of the original color is **47.0452, 52.1106, 58.0309**, and **8.4106, 9.6762, 11.0973** is the 20% darker color. If you saturate the color by 10%, you get **20.4959, 24.1661, 28.0933**, and if you desaturate by 10%, it is **24.6504, 26.2944, 28.8920**.

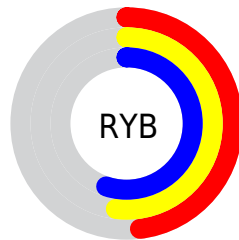
Distribution



Red (48%)

Green (55%)

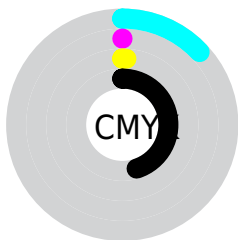
Blue (55%)



Red (48%)

Yellow (52%)

Blue (55%)

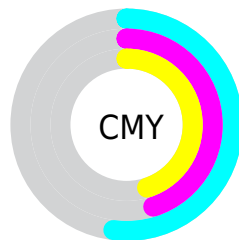


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (45%)



Cyan (52%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4269, 25.1542, 28.4842 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 22.4269, 25.1542, 28.4842 by changing the saturation by 10% instead.

■ 22.4269, 25.1542,
28.4842

■ 22.4269, 25.1542,
28.4842

257.3583,
278.6050, 308.7578

■ 14.2893, 16.1920,
18.4488

■ 46.9242, 51.9073,
58.2889

■ 8.4052, 9.6601,
11.0999

■ 64.0145, 70.4669,
78.8953

■ 4.4093, 5.1742,
6.0190

■ 84.8199, 92.9945,
103.8624

■ 1.9362, 2.3498,
2.7877

109.7055,
119.8744, 133.6088

■ 0.5977, 0.7999,
0.9873

139.0368,
151.4910, 168.5530

■ 0.0000, 0.0000,
0.0000

173.1791,

188.2287, 209.1135

212.4978,
230.4719, 255.7090

■ 22.4269, 25.1542,
28.4842

■ 22.4269, 25.1542,
28.4842

■ 20.4959, 24.1661,
28.0933

■ 24.6504, 26.2944,
28.8920

■ 18.8427, 23.3204,
27.7169

■ 27.1757, 27.5895,
29.3156

■ 17.4549, 22.6116,
27.3552

■ 30.0146, 29.0462,
29.7561

■ 16.3182, 22.0321,
27.0073

■ 33.1776, 30.6699,
30.2139

■ 15.4167, 21.5739,
26.6726

■ 36.6745, 32.4657,
30.6895

■ 14.7332, 21.2279,
26.3502

■ 40.5149, 34.4386,
31.1833

■ 14.2477, 20.9840,
26.0392

■ 44.7080, 36.5932,
31.6958

■ 13.9367, 20.8300,
25.7385

■ 49.2625, 38.9341,
32.2274

■ 13.7696, 20.7484,
25.5251

■ 54.1870, 41.4657,
32.7786

Harmonies

Analogous

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



22.4403, 25.1542, 26.1767



22.4269, 25.1542, 28.4842



22.8041, 25.1542, 30.6104

Triad

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



22.4269, 25.1542, 28.4842



25.0083, 25.1542, 30.7281



24.3405, 25.1542, 23.3156

Complementary

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



22.4269, 25.1542, 28.4842



21.7065, 21.2846, 22.0342

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.



25.0476, 25.1542, 24.4013



22.4269, 25.1542, 28.4842



25.4390, 25.1542, 28.6375

Square

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



22.4269, 25.1542, 28.4842



24.2878, 25.1542, 31.9546



25.4536, 25.1542, 26.3216



23.5328, 25.1542, 23.2797

Rectangle

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



22.4269, 25.1542, 28.4842



23.2314, 25.1542, 31.6026



25.4536, 25.1542, 26.3216



24.5982, 25.1542, 23.5670

Sweetspot

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



22.4276, 25.1553, 28.4848



43.5871, 46.8019, 51.6405



21.4419, 24.7809, 22.3924



9.6719, 10.4208, 11.5228



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.



22.4276, 25.1553, 28.4848



39.2298, 44.5691, 50.8273



21.3918, 22.9648, 28.5058



5.5475, 6.1112, 6.8489



12.5566, 18.9185, 23.2831



0.1226, 0.1819, 0.2361

Inverse Universe

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



21.7065, 21.2846, 22.0342



37.7066, 36.3927, 37.2016



22.6500, 23.2726, 22.0376



5.4203, 5.4286, 5.7113



10.0570, 5.1798, 0.6858



0.0981, 0.0503, 0.0168

Previews

White Background



This preview shows how the XYZ color 22.4269, 25.1542, 28.4842 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 22.4269, 25.1542, 28.4842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

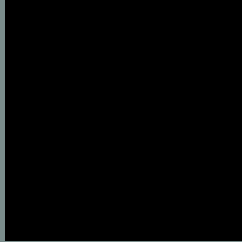
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

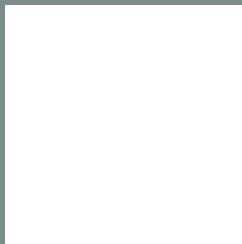
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4269, 25.1542, 28.4842

Background



This preview shows how black text looks on a background with the XYZ color 22.4269, 25.1542, 28.4842.



This preview shows how white text looks on a background with the XYZ color 22.4269, 25.1542,

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

22.4269, 25.1542, 28.4842

Protanopia

23.9670, 24.9034, 27.2106

Deuteranopia

25.4828, 25.0240, 29.0782



Tritanopia

23.1951, 25.0272, 32.4624

Trichromacy



Original Color

22.4269, 25.1542, 28.4842

Protanomaly

23.3488, 24.9985, 27.6393

Deuteranomaly

24.2593, 25.0204, 28.7501

Tritanomaly

22.8786, 25.1166, 30.8363

Monochromacy



Original Color

22.4269, 25.1542, 28.4842

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.9639, 24.8084, 27.2451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4269, 25.1542, 28.4842 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(123, 141, 140)` looks like.

```
.text, #text, p{  
    color:rgb(123, 141, 140)  
}
```

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(123, 141, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 141, 140) }
```

Border

The CSS property to change the border of an element to XYZ 22.4269, 25.1542, 28.4842 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(123, 141, 140) }
```


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

```
.border{ border-color:rgb(123, 141, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 141, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 141, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 141, 140);  
box-shadow:4px 4px 4px 4px rgb(123, 141,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4269, 25.1542, 28.4842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 141, 140) }
```

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

```
.background{ background-color: rgb(123,  
141, 140) }
```

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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