

Converting Colors

XYZ(22.7649, 25.1899, 27.3675)

Have a look what the booklet for
XYZ(22.7649, 25.1899, 27.3675)
contains.

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Color

**XYZ(22.7955, 25.1515,
27.3202)**

Conversions

Conversions Part 1

Format	Color
Hex	808C89
RGB	128, 140, 137
RGB Percent	50%, 55%, 54%
CMY	0.4980, 0.4510, 0.4627
CMYK	0.09, 0.00, 0.02, 0.45
HSL	165°, 5%, 53%
HSV	165°, 9%, 55%
XYZ	22.7955, 25.1515, 27.3202
YIQ	136.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

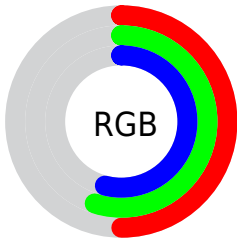
Format	Color
R_{YB}	128, 135, 140
Decimal	8424585
CIE Lab	57.22, -4.96, 0.10
CIE LCh	57, 4.965, 178.837
Yxy	25.1515, 0.3029, 0.3342
Android (android.graphics.Color)	4286614665 (0xFF808C89)
YUV	136.0700, 0.4585, -7.0774
Hunter-Lab	50.1513, -6.6303, 2.8073

Details

The XYZ color **22.7955, 25.1515, 27.3202** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6320, 22.6531, 24.6535**, and the grayscale version is **23.4285, 24.6486, 26.8424**.

A 20% lighter version of the original color is **47.6421, 52.1250, 56.2653**, and **8.6009, 9.6627, 10.4286** is the 20% darker color. If you saturate the color by 10%, you get **20.5863, 24.0419, 25.9271**, and if you desaturate by 10%, it is **25.3049, 26.4163, 28.7710**.

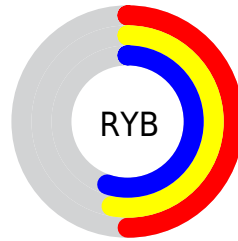
Distribution



Red (50%)

Green (55%)

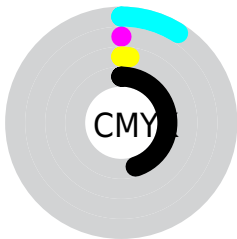
Blue (54%)



Red (50%)

Yellow (53%)

Blue (55%)

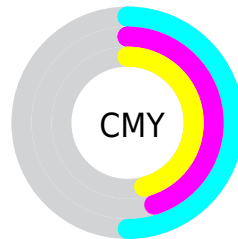


Cyan (9%)

Magenta (0%)

Yellow (2%)

Black (45%)



Cyan (50%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7955, 25.1515, 27.3202 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 22.7955, 25.1515, 27.3202 by changing the saturation by 10% instead.

■ 22.7955, 25.1515,
27.3202

■ 22.7955, 25.1515,
27.3202

259.2279,
278.5916, 303.0132

■ 14.5624, 16.1900,
17.5793

■ 47.5265, 51.9029,
56.4072

■ 8.5972, 9.6587,
10.4821

■ 64.7551, 70.4615,
76.5904

■ 4.5344, 5.1732,
5.6100

■ 85.7129, 92.9880,
101.0915

■ 2.0087, 2.3493,
2.5445

110.7653,
119.8667, 130.3289

■ 0.6388, 0.7996,
0.8636

140.2777,
151.4820, 164.7212

■ 0.0000, 0.0000,
0.0000

174.6153,

188.2183, 204.6870

214.1436,
230.4601, 250.6449

■ 22.7955, 25.1515,
27.3202

■ 22.7955, 25.1515,
27.3202

■ 20.5863, 24.0419,
25.9271

■ 25.3049, 26.4163,
28.7710

■ 18.6632, 23.0781,
24.5890

■ 28.1236, 27.8390,
30.2787

■ 17.0142, 22.2547,
23.3055

■ 31.2629, 29.4259,
31.8448

■ 15.6257, 21.5647,
22.0755

■ 34.7329, 31.1824,
33.4701

■ 14.4828, 21.0004,
20.8980

■ 38.5433, 33.1134,
35.1555

■ 13.5690, 20.5533,
19.7718

■ 42.7034, 35.2237,
36.9017

■ 12.8658, 20.2139,
18.6955

■ 47.2221, 37.5178,
38.7095

■ 12.3518, 19.9711,
17.6677

■ 52.1080, 40.0002,
40.5797

■ 11.9783, 19.7999,
16.6857

■ 57.3693, 42.6752,
42.5131

Harmonies

Analogous

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



22.9533, 25.1515, 25.7476



22.7955, 25.1515, 27.3202



22.9311, 25.1515, 28.9738

Triad

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



22.7955, 25.1515, 27.3202



24.4540, 25.1515, 30.3145



24.4943, 25.1515, 24.7130

Complementary

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



22.7955, 25.1515, 27.3202



22.6320, 22.6531, 24.6535

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.



24.9077, 25.1515, 25.8568



22.7955, 25.1515, 27.3202



24.8841, 25.1515, 29.0918

Square

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



22.7955, 25.1515, 27.3202



23.8829, 25.1515, 30.7446



25.0515, 25.1515, 27.4513



23.9286, 25.1515, 24.2808

Rectangle

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



22.7955, 25.1515, 27.3202



23.1709, 25.1515, 29.8908



25.0515, 25.1515, 27.4513



24.6560, 25.1515, 25.0247

Sweetspot

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



22.7962, 25.1526, 27.3208



42.5592, 45.5365, 49.5617



22.6662, 25.1571, 24.0835



9.7297, 10.4539, 11.3758



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.



22.7962, 25.1526, 27.3208



39.5152, 44.0041, 47.7562



22.6106, 24.4318, 28.3363



5.1203, 5.6676, 6.1544



10.6057, 17.5749, 14.7463



0.0763, 0.1191, 0.1288

Inverse Universe

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



22.6320, 22.6531, 24.6535



39.1741, 38.8122, 42.2160



22.8018, 23.3136, 23.7206



5.0809, 5.0678, 5.5143



9.8867, 5.0648, 1.9077



0.0708, 0.0357, 0.0398

Previews

White Background



This preview shows how the XYZ color 22.7955, 25.1515, 27.3202 looks on a white background.

Color Contrast Check

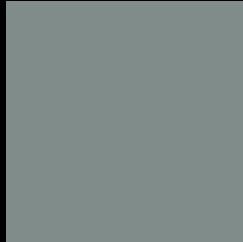
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7955, 25.1515, 27.3202 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

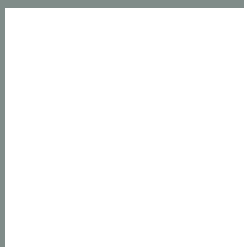
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.7955, 25.1515, 27.3202

Background



This preview shows how black text looks on a background with the XYZ color 22.7955, 25.1515, 27.3202.



This preview shows how white text looks on a background with the XYZ color 22.7955, 25.1515,

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

22.7955, 25.1515, 27.3202

Protanopia

24.1341, 25.2160, 26.5169

Deuteranopia

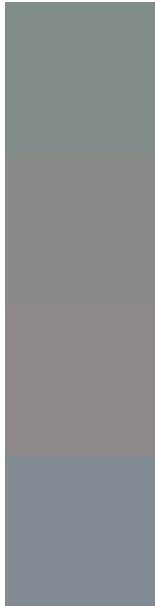
25.5527, 25.0941, 27.5416



Tritanopia

23.7192, 25.0927, 32.0270

Trichromacy



Original Color

22.7955, 25.1515, 27.3202

Protanomaly

23.6858, 25.1888, 26.9061

Deuteranomaly

24.5469, 25.1941, 27.6139

Tritanomaly

23.3967, 25.1767, 30.4145

Monochromacy



Original Color

22.7955, 25.1515, 27.3202

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.0625, 24.6554, 26.8360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7955, 25.1515, 27.3202 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(128, 140, 137)` looks like.

```
.text, #text, p{  
    color:rgb(128, 140, 137)  
}
```

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(128, 140, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 140, 137) }
```

Border

The CSS property to change the border of an element to XYZ 22.7955, 25.1515, 27.3202 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(128, 140, 137) }
```


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

```
.border{ border-color:rgb(128, 140, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 140, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 140, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 140, 137);  
box-shadow:4px 4px 4px 4px rgb(128, 140,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7955, 25.1515, 27.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 140, 137) }
```

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

```
.background{ background-color: rgb(128,  
140, 137) }
```

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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