

Converting Colors

XYZ(22.4464, 21.9746, 21.6682)

Have a look what the booklet for
XYZ(22.4464, 21.9746, 21.6682)
contains.

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Color

**XYZ(22.5858, 22.1170,
21.8175)**

Conversions

Conversions Part 1

Format	Color
Hex	917D7B
RGB	145, 125, 123
RGB Percent	57%, 49%, 48%
CMY	0.4314, 0.5098, 0.5176
CMYK	0.00, 0.14, 0.15, 0.43
HSL	5°, 9%, 53%
HSV	5°, 15%, 57%
XYZ	22.5858, 22.1170, 21.8175
YIQ	130.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

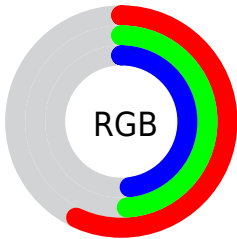
Format	Color
R_{YB}	145, 125, 123
Decimal	9534843
CIE Lab	54.15, 7.32, 3.92
CIE LCh	54, 8.303, 28.141
Yxy	22.1170, 0.3395, 0.3325
Android (android.graphics.Color)	4287724923 (0xFF917D7B)
YUV	130.7520, -3.8217, 12.4955
Hunter-Lab	47.0287, 3.4254, 5.4144

Details

The XYZ color **22.5858, 22.1170, 21.8175** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.1015, 25.8997, 30.5698**, and the grayscale version is **21.4955, 22.6149, 24.6276**.

A 20% lighter version of the original color is **47.2114, 47.0780, 47.1561**, and **8.4366, 8.0430, 7.5864** is the 20% darker color. If you saturate the color by 10%, you get **20.1854, 18.6626, 16.8659**, and if you desaturate by 10%, it is **25.3434, 26.0700, 27.5521**.

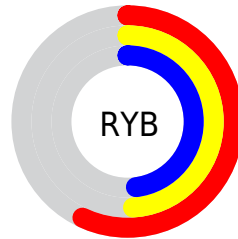
Distribution



Red (57%)

Green (49%)

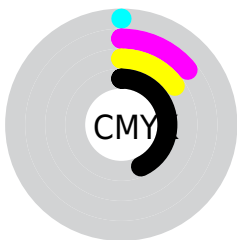
Blue (48%)



Red (57%)

Yellow (49%)

Blue (48%)

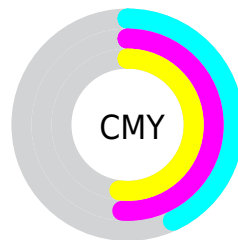


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (43%)



Cyan (43%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5858, 22.1170, 21.8175 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 22.5858, 22.1170, 21.8175 by changing the saturation by 10% instead.

■ 22.5858, 22.1170,
21.8175

■ 22.5858, 22.1170,
21.8175

258.1656,
263.1567, 274.5141

■ 14.4070, 13.9429,
13.5258

■ 47.1840, 46.9393,
47.3425

■ 8.4879, 8.0810,
7.6567

■ 64.3341, 64.3563,
65.4129

■ 4.4631, 4.1468,
3.7914

■ 85.2053, 85.6230,
87.5800

■ 1.9673, 1.7560,
1.5116

110.1630,
111.1239, 114.2622

■ 0.6155, 0.4595,
0.2266

139.5725,
141.2433, 145.8782

■ 0.0000, 0.0000,
0.0000

173.7992,

176.3656, 182.8465

213.2085,
216.8753, 225.5856

■ 22.5858, 22.1170,
21.8175

■ 22.5858, 22.1170,
21.8175

■ 20.1854, 18.6626,
16.8659

■ 25.3434, 26.0700,
27.5521

■ 18.1257, 15.6842,
12.6619

■ 28.4700, 30.5373,
34.1000

■ 16.3918, 13.1618,
9.1696

■ 31.9792, 35.5374,
41.4918

■ 14.9670, 11.0728,
6.3496

■ 35.8833, 41.0871,
49.7560

■ 13.8330, 9.3929,
4.1585

■ 40.1942, 47.2025,
58.9199

■ 12.9696, 8.0951,
2.5481

■ 44.9231, 53.8989,
69.0094

■ 12.3539, 7.1493,
1.4629

■ 50.0809, 61.1910,
80.0495

■ 11.9580, 6.5201,
0.8293

■ 55.6781, 69.0933,
92.0642

■ 11.8236, 6.3127,
0.5953

■ 61.7247, 77.6195,
105.0767

Harmonies

Analogous

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



22.8003, 22.1170, 24.2429



22.5858, 22.1170, 21.8175



21.9489, 22.1170, 20.1102

Triad

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



22.5858, 22.1170, 21.8175



19.5848, 22.1170, 21.5576



20.9654, 22.1170, 29.3863

Complementary

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



22.5858, 22.1170, 21.8175



23.1015, 25.8997, 30.5698

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.



20.1207, 22.1170, 28.5443



22.5858, 22.1170, 21.8175



19.3378, 22.1170, 23.9211

Square

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



22.5858, 22.1170, 21.8175



20.2153, 22.1170, 19.9679



19.5312, 22.1170, 26.4973



21.8489, 22.1170, 28.7249

Rectangle

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



22.5858, 22.1170, 21.8175



21.3794, 22.1170, 19.5469



19.5312, 22.1170, 26.4973



20.6677, 22.1170, 29.2686

Sweetspot

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



22.5864, 22.1180, 21.8180



45.4217, 46.7384, 49.4159



23.7308, 22.1742, 29.0824



10.0316, 10.2931, 10.8409



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.



22.5864, 22.1180, 21.8180



39.0032, 37.5325, 36.0822



24.0332, 25.0115, 22.3002



5.4459, 5.4982, 5.6636



10.1510, 5.4337, 0.5138



0.1033, 0.0645, 0.0070

Inverse Universe

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



23.1015, 25.8997, 30.5698



40.0958, 45.5563, 54.6535



21.5534, 22.8033, 30.0538



5.5189, 6.0336, 6.9025



11.4478, 15.8816, 25.4392



0.1174, 0.1677, 0.2459

Previews

White Background



This preview shows how the XYZ color 22.5858, 22.1170, 21.8175 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 22.5858, 22.1170, 21.8175 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 22.5858, 22.1170, 21.8175

Background



This preview shows how black text looks on a background with the XYZ color 22.5858, 22.1170, 21.8175.



This preview shows how white text looks on a background with the XYZ color 22.5858, 22.1170,

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

22.5858, 22.1170, 21.8175

Protanopia

21.2248, 22.1677, 22.5622

Deuteranopia

22.5858, 22.1170, 21.8175



Tritanopia

23.1707, 21.9704, 25.2098

Trichromacy



Original Color

22.5858, 22.1170, 21.8175

Protanomaly

21.6738, 22.2119, 22.2138

Deuteranomaly

22.5858, 22.1170, 21.8175

Tritanomaly

23.0242, 22.1113, 23.8233

Monochromacy



Original Color

22.5858, 22.1170, 21.8175

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.8999, 22.4933, 23.6095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5858, 22.1170, 21.8175 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(145, 125, 123)` looks like.

```
.text, #text, p{  
    color:rgb(145, 125, 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(145, 125, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 125, 123) }
```

Border

The CSS property to change the border of an element to XYZ 22.5858, 22.1170, 21.8175 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(145, 125, 123) }
```


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

```
.border{ border-color:rgb(145, 125, 123) }
```

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

Here you see how a box with a 4 pixel rgb(145, 125, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 125, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 125, 123);  
box-shadow:4px 4px 4px 4px rgb(145, 125,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5858, 22.1170, 21.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 125, 123) }
```

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

```
.background{ background-color: rgb(145,  
125, 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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