

Converting Colors

XYZ(21.8572, 20.4573, 22.1987)

Have a look what the booklet for
XYZ(21.8572, 20.4573, 22.1987)
contains.

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Color

**XYZ(21.8572, 20.4573,
22.1987)**

Conversions

Conversions Part 1

Format	Color
Hex	91767D
RGB	145, 118, 125
RGB Percent	57%, 46%, 49%
CMY	0.4314, 0.5372, 0.5098
CMYK	0.00, 0.19, 0.14, 0.43
HSL	344°, 11%, 52%
HSV	344°, 19%, 57%
XYZ	21.8572, 20.4573, 22.1987
YIQ	126.8710, 13.8450, 7.9010

Conversions

Conversions Part 2

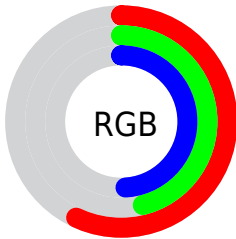
Format	Color
R_{YB}	145, 118, 125
Decimal	9533053
CIE Lab	52.35, 11.72, 0.13
CIE LCh	52, 11.717, 0.655
Yxy	20.4573, 0.3388, 0.3171
Android (android.graphics.Color)	4287723133 (0xFF91767D)
YUV	126.8710, -0.9224, 15.8991
Hunter-Lab	45.2297, 7.1078, 2.5614

Details

The XYZ color **21.8572, 20.4573, 22.1987** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1849, 25.9379, 27.8833**, and the grayscale version is **20.1288, 21.1770, 23.0618**.

A 20% lighter version of the original color is **45.9638, 44.1059, 48.2102**, and **8.1108, 7.2818, 7.8155** is the 20% darker color. If you saturate the color by 10%, you get **19.6297, 17.0416, 18.2518**, and if you desaturate by 10%, it is **24.4226, 24.4295, 26.6250**.

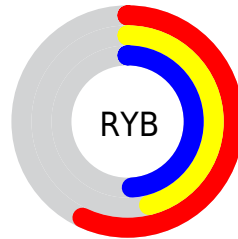
Distribution



Red (57%)

Green (46%)

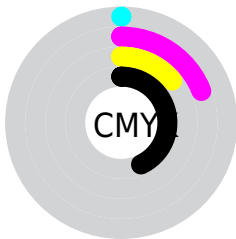
Blue (49%)



Red (57%)

Yellow (46%)

Blue (49%)

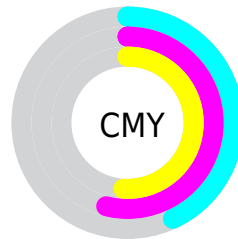


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (43%)



Cyan (43%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8572, 20.4573, 22.1987 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 21.8572, 20.4573, 22.1987 by changing the saturation by 10% instead.

■ 21.8572, 20.4573,
22.1987

■ 21.8572, 20.4573,
22.1987

254.4460,
254.3801, 276.5695

■ 13.8680, 12.7279,
13.8033

■ 45.9905, 44.1826,
47.9806

■ 8.1100, 7.2414,
7.8468

■ 62.8653, 60.9472,
66.2041

■ 4.2178, 3.6136,
3.9107

■ 83.4327, 81.4924,
88.5407

■ 1.8261, 1.4598,
1.5765

108.0581,
106.2025, 115.4090

■ 0.5333, 0.2602,
0.2740

137.1067,
135.4619, 147.2275

■ 0.0000, 0.0000,
0.0000

170.9440,

169.6551, 184.4147

209.9353,
209.1663, 227.3892

■ 21.8572, 20.4573,
22.1987

■ 21.8572, 20.4573,
22.1987

■ 19.6297, 17.0416,
18.2518

■ 24.4226, 24.4295,
26.6250

■ 17.7241, 14.1548,
14.7665

■ 27.3376, 28.9789,
31.5448

■ 16.1256, 11.7712,
11.7260

■ 30.6155, 34.1281,
36.9735

■ 14.8175, 9.8616,
9.1118

■ 34.2682, 39.8980,
42.9253

■ 13.7816, 8.3939,
6.9042

■ 38.3074, 46.3084,
49.4137

■ 12.9975, 7.3320,
5.0817

■ 42.7440, 53.3782,
56.4520

■ 12.4416, 6.6341,
3.6207

■ 47.5885, 61.1255,
64.0527

■ 12.0662, 6.2102,
2.4879

■ 52.8510, 69.5678,
72.2282

■ 12.0203, 6.1571,
2.3535

■ 58.5415, 78.7218,
80.9903

Harmonies

Analogous

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



21.5371, 20.4573, 25.6917



21.8572, 20.4573, 22.1987



21.5088, 20.4573, 19.0559

Triad

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



21.8572, 20.4573, 22.1987



18.2851, 20.4573, 17.0340



18.3292, 20.4573, 28.5822

Complementary

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



21.8572, 20.4573, 22.1987



22.1849, 25.9379, 27.8833

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.



17.5159, 20.4573, 25.8366



21.8572, 20.4573, 22.1987



17.4912, 20.4573, 19.1746

Square

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



21.8572, 20.4573, 22.1987



19.4176, 20.4573, 16.2697



17.2154, 20.4573, 22.3505



19.4706, 20.4573, 29.6003

Rectangle

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



21.8572, 20.4573, 22.1987



20.9522, 20.4573, 17.5215



17.2154, 20.4573, 22.3505



18.0101, 20.4573, 27.8176

Sweetspot

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



21.8578, 20.4582, 22.1991



44.9789, 45.6823, 49.7940



22.0382, 20.3884, 29.5622



9.9434, 10.0649, 10.9708



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.



21.8578, 20.4582, 22.1991



37.5415, 34.1726, 36.9406



22.1931, 21.8193, 20.1825



5.4627, 5.4456, 5.9346



10.3196, 5.2849, 2.0685



0.1066, 0.0537, 0.0617

Inverse Universe

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



21.8578, 20.4582, 22.1991



37.5415, 34.1726, 36.9406



21.7720, 24.2751, 30.3264



5.4627, 5.4456, 5.9346



10.3196, 5.2849, 2.0685



0.1066, 0.0537, 0.0617

Previews

White Background



This preview shows how the XYZ color 21.8572, 20.4573, 22.1987 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 21.8572, 20.4573, 22.1987 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 21.8572, 20.4573, 22.1987

Background



This preview shows how black text looks on a background with the XYZ color 21.8572, 20.4573, 22.1987.

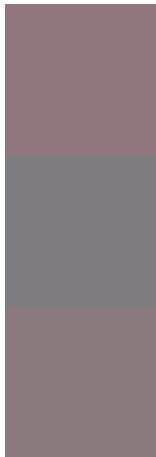


This preview shows how white text looks on a background with the XYZ color 21.8572, 20.4573,

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

21.8572, 20.4573, 22.1987

Protanopia

19.7743, 20.4359, 23.6712

Deuteranopia

20.7920, 20.4483, 21.9199



Tritanopia

21.9863, 20.5089, 22.8785

Trichromacy



Original Color

21.8572, 20.4573, 22.1987

Protanomaly

20.5287, 20.4641, 23.2901

Deuteranomaly

21.1698, 20.4636, 21.9029

Tritanomaly

21.9214, 20.4830, 22.5369

Monochromacy



Original Color

21.8572, 20.4573, 22.1987

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.8051, 20.9900, 22.6936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8572, 20.4573, 22.1987 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, 118, 125)` looks like.

```
.text, #text, p{  
    color:rgb(145, 118, 125)  
}
```

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, 118, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 118, 125) }
```

Border

The CSS property to change the border of an element to XYZ 21.8572, 20.4573, 22.1987 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, 118, 125) }
```


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

```
.border{ border-color:rgb(145, 118, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 118, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 118, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 118, 125);  
box-shadow:4px 4px 4px 4px rgb(145, 118,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8572, 20.4573, 22.1987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 118, 125) }
```

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

```
.background{ background-color: rgb(145,  
118, 125) }
```

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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