

Converting Colors

XYZ(22.0598, 21.7520, 22.2911)

Have a look what the booklet for
XYZ(22.0598, 21.7520, 22.2911)
contains.

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Color

**XYZ(22.1906, 21.8987,
22.4593)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7D7D
RGB	142, 125, 125
RGB Percent	56%, 49%, 49%
CMY	0.4431, 0.5098, 0.5098
CMYK	0.00, 0.12, 0.12, 0.44
HSL	0°, 7%, 52%
HSV	0°, 12%, 56%
XYZ	22.1906, 21.8987, 22.4593
YIQ	130.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

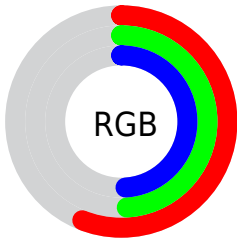
Format	Color
R_{YB}	142, 125, 125
Decimal	9338237
CIE Lab	53.92, 6.50, 2.38
CIE LCh	54, 6.925, 20.105
Yxy	21.8987, 0.3334, 0.3291
Android (android.graphics.Color)	4287528317 (0xFF8E7D7D)
YUV	130.0830, -2.5059, 10.4512
Hunter-Lab	46.7960, 2.7513, 4.3016

Details

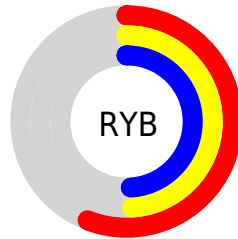
The XYZ color **22.1906, 21.8987, 22.4593** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0127, 25.6583, 29.3310**, and the grayscale version is **21.2540, 22.3609, 24.3510**.

A 20% lighter version of the original color is **46.7212, 46.7909, 48.6886**, and **8.3026, 7.9660, 7.9375** is the 20% darker color. If you saturate the color by 10%, you get **19.6770, 18.2207, 17.4613**, and if you desaturate by 10%, it is **25.0921, 26.1444, 28.2270**.

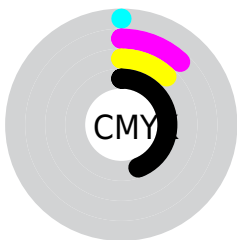
Distribution



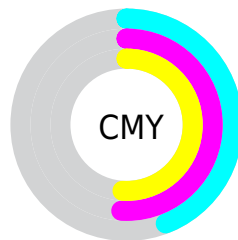
- Red (56%)
- Green (49%)
- Blue (49%)



- Red (56%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1906, 21.8987, 22.4593 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 22.1906, 21.8987, 22.4593 by changing the saturation by 10% instead.

■ 22.1906, 21.8987,
22.4593

■ 22.1906, 21.8987,
22.4593

256.1537,
262.0168, 277.9669

■ 14.1144, 13.7825,
13.9932

■ 46.5373, 46.5785,
48.4158

■ 8.2825, 7.9695,
7.9773

■ 63.5386, 63.9109,
66.7434

■ 4.3296, 4.0755,
3.9928

■ 84.2455, 85.0841,
89.1952

■ 1.8902, 1.7159,
1.6214

109.0236,
110.4826, 116.1898

■ 0.5711, 0.4339,
0.3060

138.2381,
140.4907, 148.1457

■ 0.0000, 0.0000,
0.0000

172.2544,

175.4929, 185.4815

211.4378,
215.8734, 228.6157

■ 22.1906, 21.8987,
22.4593

■ 22.1906, 21.8987,
22.4593

■ 19.6770, 18.2207,
17.4613

■ 25.0921, 26.1444,
28.2270

■ 17.5331, 15.0836,
13.1992

■ 28.3950, 30.9773,
34.7935

■ 15.7420, 12.4628,
9.6387

■ 32.1144, 36.4197,
42.1883

■ 14.2850, 10.3307,
6.7421

■ 36.2642, 42.4917,
50.4386

■ 13.1412, 8.6569,
4.4684

■ 40.8575, 49.2126,
59.5707

■ 12.2877, 7.4080,
2.7720

■ 45.9068, 56.6009,
69.6097

■ 11.6985, 6.5457,
1.6009

■ 51.4243, 64.6742,
80.5796

■ 11.3427, 6.0251,
0.8940

■ 57.4217, 73.4495,
92.5035

■ 11.1557, 5.7513,
0.5222

■ 63.9101, 82.9434,
105.4038

Harmonies

Analogous

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



22.2596, 21.8987, 24.5570



22.1906, 21.8987, 22.4593



21.7479, 21.8987, 20.8285

Triad

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



22.1906, 21.8987, 22.4593



19.7326, 21.8987, 21.3045



20.5685, 21.8987, 28.1250

Complementary

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



22.1906, 21.8987, 22.4593



23.0127, 25.6583, 29.3310

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.



19.9074, 21.8987, 27.1373



22.1906, 21.8987, 22.4593



19.4325, 21.8987, 23.1448

Square

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



22.1906, 21.8987, 22.4593



20.3248, 21.8987, 20.1899



19.4957, 21.8987, 25.2844



21.3111, 21.8987, 27.9143

Rectangle

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



22.1906, 21.8987, 22.4593



21.3061, 21.8987, 20.1853



19.4957, 21.8987, 25.2844



20.3296, 21.8987, 27.9200

Sweetspot

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



22.1912, 21.8997, 22.4598



43.1091, 44.4374, 47.5124



23.3716, 22.3713, 28.6776



9.5479, 9.8072, 10.4516



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.



22.1912, 21.8997, 22.4598



38.0439, 37.0258, 37.4424



23.3134, 24.1440, 22.8338



5.4090, 5.4242, 5.6513



10.0161, 5.1638, 0.4688



0.0958, 0.0494, 0.0045

Inverse Universe

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



23.0127, 25.6583, 29.3310



39.7466, 44.8157, 51.6833



21.7963, 23.2255, 28.9255



5.5602, 6.1162, 6.9163



13.0655, 19.1170, 25.9784



0.1249, 0.1828, 0.2484

Previews

White Background



This preview shows how the XYZ color 22.1906, 21.8987, 22.4593 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 22.1906, 21.8987, 22.4593 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 22.1906, 21.8987, 22.4593

Background



This preview shows how black text looks on a background with the XYZ color 22.1906, 21.8987, 22.4593.



This preview shows how white text looks on a background with the XYZ color 22.1906, 21.8987,

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

22.1906, 21.8987, 22.4593

Protanopia

21.0657, 21.8762, 23.1909

Deuteranopia

22.3630, 21.9875, 22.4674



Tritanopia

22.7690, 21.9484, 25.2267

Trichromacy



Original Color

22.1906, 21.8987, 22.4593

Protanomaly

21.5086, 21.9193, 22.8359

Deuteranomaly

22.3630, 21.9875, 22.4674

Tritanomaly

22.5646, 21.8666, 24.1505

Monochromacy



Original Color

22.1906, 21.8987, 22.4593

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.4470, 22.0652, 23.5507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1906, 21.8987, 22.4593 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(142, 125, 125) looks like.

```
.text, #text, p{  
    color:rgb(142, 125, 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(142, 125, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 125, 125) }
```

Border

The CSS property to change the border of an element to XYZ 22.1906, 21.8987, 22.4593 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(142, 125, 125) }
```


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

```
.border{ border-color:rgb(142, 125, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 125, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 125, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 125, 125);  
box-shadow:4px 4px 4px 4px rgb(142, 125,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1906, 21.8987, 22.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 125, 125) }
```

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

```
.background{ background-color: rgb(142,  
125, 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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