

Converting Colors

XYZ(20.9191, 22.3089, 21.9645)

Have a look what the booklet for
XYZ(20.9191, 22.3089, 21.9645)
contains.

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Color

**XYZ(20.9179, 22.2206,
21.9254)**

Conversions

Conversions Part 1

Format	Color
Hex	83827B
RGB	131, 130, 123
RGB Percent	51%, 51%, 48%
CMY	0.4863, 0.4902, 0.5176
CMYK	0.00, 0.01, 0.06, 0.49
HSL	53°, 3%, 50%
HSV	53°, 6%, 51%
XYZ	20.9179, 22.2206, 21.9254
YIQ	129.5010, 2.8430, -1.9650

Conversions

Conversions Part 2

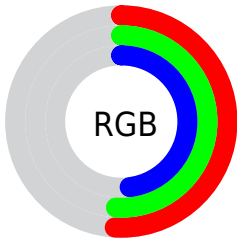
Format	Color
R_YB	124, 131, 123
Decimal	8618619
CIE Lab	54.26, -0.97, 3.91
CIE LCh	54, 4.030, 103.915
Yxy	22.2206, 0.3215, 0.3415
Android (android.graphics.Color)	4286808699 (0xFF83827B)
YUV	129.5010, -3.2050, 1.3146
Hunter-Lab	47.1387, -3.2831, 5.4199

Details

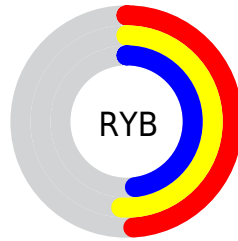
The XYZ color **20.9179, 22.2206, 21.9254** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.4729, 20.2648, 24.3583**, and the grayscale version is **21.0528, 22.1492, 24.1205**.

A 20% lighter version of the original color is **44.4385, 47.1525, 47.3166**, and **7.6581, 8.1731, 7.6525** is the 20% darker color. If you saturate the color by 10%, you get **19.9367, 21.4837, 17.8196**, and if you desaturate by 10%, it is **22.0136, 23.0102, 26.6114**.

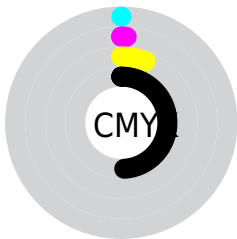
Distribution



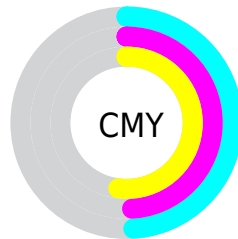
- Red (51%)
- Green (51%)
- Blue (48%)



- Red (49%)
- Yellow (51%)
- Blue (48%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (49%)



- Cyan (49%)
- Magenta (49%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9179, 22.2206, 21.9254 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 20.9179, 22.2206, 21.9254 by changing the saturation by 10% instead.

■ 20.9179, 22.2206,
21.9254

■ 20.9179, 22.2206,
21.9254

249.5818,
263.6961, 275.0972

■ 13.1761, 14.0191,
13.6043

■ 44.4432, 47.1103,
47.5233

■ 7.6278, 8.1339,
7.7104

■ 60.9574, 64.5673,
65.6371

■ 3.9075, 4.1808,
3.8251

■ 81.1264, 85.8783,
87.8523

■ 1.6499, 1.7752,
1.5299

105.3157,
111.4276, 114.5874

■ 0.4246, 0.4716,
0.2400

133.8905,
141.5996, 146.2609

■ 0.0000, 0.0000,
0.0000

167.2162,

176.7788, 183.2913

205.6582,
217.3495, 226.0973

■ 20.9179, 22.2206,
21.9254

■ 20.9179, 22.2206,
21.9254

■ 19.9367, 21.4837,
17.8196

■ 22.0136, 23.0102,
26.6114

■ 19.0638, 20.7950,
14.2697

■ 23.2259, 23.8513,
31.8977

■ 18.2951, 20.1534,
11.2519

■ 24.5596, 24.7465,
37.8052

■ 17.6257, 19.5570,
8.7401

■ 26.0181, 25.6973,
44.3532

■ 17.0502, 19.0035,
6.7061

■ 27.6051, 26.7051,
51.5606

■ 16.5626, 18.4907,
5.1186

■ 29.3240, 27.7712,
59.4450

■ 16.1565, 18.0157,
3.9430

■ 31.1781, 28.8972,
68.0237

■ 15.8240, 17.5756,
3.1393

■ 33.1705, 30.0841,
77.3133

■ 15.5525, 17.1652,
2.6400

■ 35.3043, 31.3333,
87.3296

Harmonies

Analogous

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



21.3545, 22.2206, 21.9476



20.9179, 22.2206, 21.9254



20.5406, 22.2206, 22.4963

Triad

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



20.9179, 22.2206, 21.9254



20.5184, 22.2206, 25.9083



21.9406, 22.2206, 24.8697

Complementary

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



20.9179, 22.2206, 21.9254



19.4729, 20.2648, 24.3583

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.



21.7102, 22.2206, 25.9760



20.9179, 22.2206, 21.9254



20.8873, 22.2206, 26.5897

Square

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



20.9179, 22.2206, 21.9254



20.3121, 22.2206, 24.7798



21.3234, 22.2206, 26.6149



21.9491, 22.2206, 23.6184

Rectangle

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



20.9179, 22.2206, 21.9254



20.3717, 22.2206, 23.1481



21.3234, 22.2206, 26.6149



21.8864, 22.2206, 25.2719

Sweetspot

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



20.9185, 22.2216, 21.9259



38.2314, 40.3557, 42.5439



20.0857, 20.4485, 21.9796



8.9074, 9.4002, 9.9322



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.9185, 22.2216, 21.9259



37.2651, 39.6498, 38.4402



20.6040, 22.2575, 21.9494



5.0364, 5.3599, 5.1834



15.2112, 16.7450, 2.4304



0.0561, 0.0649, 0.0096

Inverse Universe

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



19.4729, 20.2648, 24.3583



34.2500, 35.5687, 43.5134



19.7744, 20.2355, 24.3368



4.6205, 4.7970, 5.8831



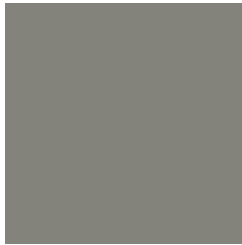
4.2213, 1.9903, 21.2984



0.0174, 0.0125, 0.0747

Previews

White Background



This preview shows how the XYZ color 20.9179, 22.2206, 21.9254 looks on a white background.

Color Contrast Check

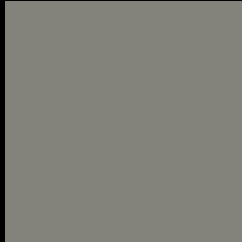
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9179, 22.2206, 21.9254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

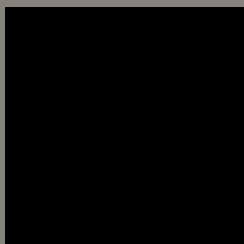
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

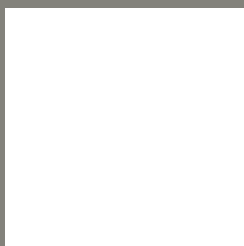
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9179, 22.2206, 21.9254

Background



This preview shows how black text looks on a background with the XYZ color 20.9179, 22.2206, 21.9254.



This preview shows how white text looks on a background with the XYZ color 20.9179, 22.2206,

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

20.9179, 22.2206, 21.9254

Protanopia

21.2569, 22.1989, 21.9033

Deuteranopia

22.4733, 22.0518, 22.1407



Tritanopia

21.9795, 22.2599, 27.1829

Trichromacy



Original Color

20.9179, 22.2206, 21.9254

Protanomaly

21.0983, 22.1171, 21.8959

Deuteranomaly

21.8749, 22.1229, 22.1860

Tritanomaly

21.5996, 22.2995, 25.3561

Monochromacy



Original Color

20.9179, 22.2206, 21.9254

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.0193, 22.2434, 23.2642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9179, 22.2206, 21.9254 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(131, 130, 123)` looks like.

```
.text, #text, p{  
    color:rgb(131, 130, 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(131, 130, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 130, 123) }
```

Border

The CSS property to change the border of an element to XYZ 20.9179, 22.2206, 21.9254 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(131, 130, 123) }
```


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

```
.border{ border-color:rgb(131, 130, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 130, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 130, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 130, 123);  
box-shadow:4px 4px 4px 4px rgb(131, 130,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9179, 22.2206, 21.9254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 130, 123) }
```

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

```
.background{ background-color: rgb(131,  
130, 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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