

Converting Colors

XYZ(21.9098, 20.1883, 19.8815)

Have a look what the booklet for
XYZ(21.9098, 20.1883, 19.8815)
contains.

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Color

**XYZ(21.9098, 20.1883,
19.8815)**

Conversions

Conversions Part 1

Format	Color
Hex	957476
RGB	149, 116, 118
RGB Percent	58%, 45%, 46%
CMY	0.4157, 0.5451, 0.5373
CMYK	0.00, 0.22, 0.21, 0.42
HSL	356°, 13%, 52%
HSV	356°, 22%, 58%
XYZ	21.9098, 20.1883, 19.8815
YIQ	126.0950, 19.0260, 7.6180

Conversions

Conversions Part 2

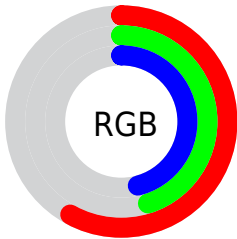
Format	Color
R_{YB}	149, 116, 118
Decimal	9794678
CIE _{Lab}	52.05, 13.26, 3.86
CIE _{LCh}	52, 13.809, 16.241
Yxy	20.1883, 0.3535, 0.3257
Android (android.graphics.Color)	4287984758 (0xFF957476)
YUV	126.0950, -3.9908, 20.0877
Hunter-Lab	44.9314, 8.4116, 5.2170

Details

The XYZ color **21.9098, 20.1883, 19.8815** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.2171, 27.3149, 31.6536**, and the grayscale version is **19.8725, 20.9074, 22.7682**.

A 20% lighter version of the original color is **46.1602, 43.7449, 44.0409**, and **8.2096, 7.1731, 6.7462** is the 20% darker color. If you saturate the color by 10%, you get **19.5571, 16.7166, 15.2933**, and if you desaturate by 10%, it is **24.6626, 24.2622, 25.2127**.

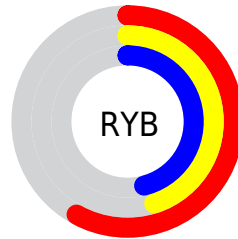
Distribution



Red (58%)

Green (45%)

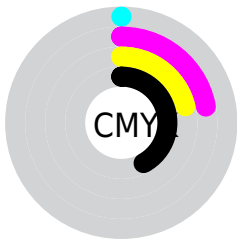
Blue (46%)



Red (58%)

Yellow (45%)

Blue (46%)

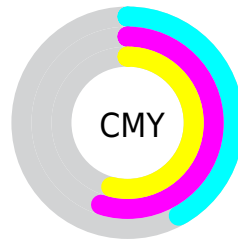


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9098, 20.1883, 19.8815 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 21.9098, 20.1883, 19.8815 by changing the saturation by 10% instead.

■ 21.9098, 20.1883,
19.8815

■ 21.9098, 20.1883,
19.8815

254.7161,
252.9327, 263.8559

■ 13.9069, 12.5320,
12.1257

■ 46.0768, 43.7327,
44.0748

■ 8.1372, 7.1071,
6.7058

■ 62.9716, 60.3895,
61.3493

■ 4.2354, 3.5292,
3.2031

■ 83.5611, 80.8153,
82.6339

■ 1.8362, 1.4138,
1.1993

■ 108.2106,
105.3945, 108.3471

■ 0.5393, 0.2269,
0.0000

137.2855,
134.5114, 138.9073

■ 0.0000, 0.0000,
0.0000

171.1512,

168.5505, 174.7331

210.1729,
207.8961, 216.2431

■ 21.9098, 20.1883,
19.8815

■ 21.9098, 20.1883,
19.8815

■ 19.5571, 16.7166,
15.2933

■ 24.6626, 24.2622,
25.2127

■ 17.5842, 13.8160,
11.4138

■ 27.8312, 28.9621,
31.3163

■ 15.9718, 11.4567,
8.2082

■ 31.4324, 34.3138,
38.2221


■ 14.6980, 9.6051,
5.6379


■ 35.4816, 40.3408,
45.9575


■ 13.7387, 8.2240,
3.6607


■ 39.9934, 47.0656,
54.5489


 13.0663, 7.2710,
2.2290


 44.9820, 54.5094,
64.0213

 12.6488, 6.6960,
1.2883

 50.4606, 62.6928,
74.3989

 12.4439, 6.4094,
0.8403

 56.4422, 71.6354,
85.7048

 62.9391, 81.3561,
97.9613

Harmonies

Analogous

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



21.9430, 20.1883, 23.8798



21.9098, 20.1883, 19.8815



21.1245, 20.1883, 16.8387

Triad

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



21.9098, 20.1883, 19.8815



17.2967, 20.1883, 17.0385



18.5510, 20.1883, 30.4154

Complementary

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



21.9098, 20.1883, 19.8815



23.2171, 27.3149, 31.6536

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.



17.3743, 20.1883, 28.0777



21.9098, 20.1883, 19.8815



16.6745, 20.1883, 20.1868

Square

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



21.9098, 20.1883, 19.8815



18.4403, 20.1883, 15.3400



16.7022, 20.1883, 24.2247



19.9564, 20.1883, 30.3075

Rectangle

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



21.9098, 20.1883, 19.8815



20.3011, 20.1883, 15.6155



16.7022, 20.1883, 24.2247



18.1170, 20.1883, 29.8783

Sweetspot

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



21.9104, 20.1892, 19.8819



46.9115, 47.5184, 50.4452



23.6675, 20.8462, 31.2102



10.3330, 10.4370, 11.0576



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.9104, 20.1892, 19.8819



36.8750, 32.6660, 31.0049



23.5700, 23.6964, 19.8557



5.8142, 5.8207, 6.1277



10.4773, 5.3960, 0.7287



0.1311, 0.0672, 0.0238

Inverse Universe

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



21.9104, 20.1892, 19.8819



36.8750, 32.6660, 31.0049



21.2502, 23.1280, 31.7781



5.8142, 5.8207, 6.1277



10.4773, 5.3960, 0.7287



0.1311, 0.0672, 0.0238

Previews

White Background



This preview shows how the XYZ color 21.9098, 20.1883, 19.8815 looks on a white background.

Color Contrast Check

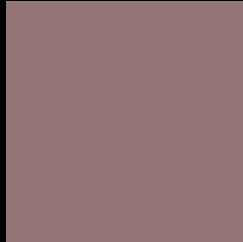
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9098, 20.1883, 19.8815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

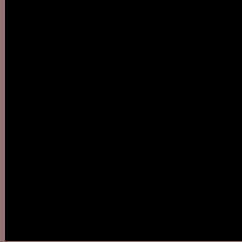
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.9098, 20.1883, 19.8815

Background



This preview shows how black text looks on a background with the XYZ color 21.9098, 20.1883, 19.8815.



This preview shows how white text looks on a background with the XYZ color 21.9098, 20.1883,

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

21.9098, 20.1883, 19.8815

Protanopia

19.4729, 20.3325, 21.3106

Deuteranopia

20.5748, 20.2063, 19.6454



Tritanopia

22.3465, 20.2007, 21.7901

Trichromacy



Original Color

21.9098, 20.1883, 19.8815

Protanomaly

20.2802, 20.2061, 20.9204

Deuteranomaly

21.1354, 20.3176, 19.6374

Tritanomaly

22.2213, 20.1506, 21.1306

Monochromacy



Original Color

21.9098, 20.1883, 19.8815

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.3662, 20.4175, 21.6064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9098, 20.1883, 19.8815 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(149, 116, 118)` looks like.

```
.text, #text, p{  
    color:rgb(149, 116, 118)  
}
```

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(149, 116, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 116, 118) }
```

Border

The CSS property to change the border of an element to XYZ 21.9098, 20.1883, 19.8815 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(149, 116, 118) }
```


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

```
.border{ border-color:rgb(149, 116, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 116, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 116, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 116, 118);  
box-shadow:4px 4px 4px 4px rgb(149, 116,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9098, 20.1883, 19.8815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 116, 118) }
```

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

```
.background{ background-color: rgb(149,  
116, 118) }
```

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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