

Converting Colors

XYZ(21.8525, 19.7894, 20.0480)

Have a look what the booklet for
XYZ(21.8525, 19.7894, 20.0480)
contains.

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Color

**XYZ(21.9248, 19.8506,
20.1287)**

Conversions

Conversions Part 1

Format	Color
Hex	967277
RGB	150, 114, 119
RGB Percent	59%, 45%, 47%
CMY	0.4118, 0.5529, 0.5333
CMYK	0.00, 0.24, 0.21, 0.41
HSL	352°, 15%, 52%
HSV	352°, 24%, 59%
XYZ	21.9248, 19.8506, 20.1287
YIQ	125.3340, 19.8510, 9.1870

Conversions

Conversions Part 2

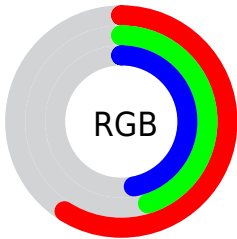
Format	Color
R _Y B	150, 114, 119
Decimal	9859703
CIE Lab	51.67, 14.97, 2.74
CIE LCh	52, 15.221, 10.355
Yxy	19.8506, 0.3542, 0.3207
Android (android.graphics.Color)	4288049783 (0xFF967277)
YUV	125.3340, -3.1227, 21.6321
Hunter-Lab	44.5540, 9.8694, 4.4017

Details

The XYZ color **21.9248, 19.8506, 20.1287** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9575, 27.4350, 30.8751**, and the grayscale version is **19.6116, 20.6329, 22.4692**.

A 20% lighter version of the original color is **46.1637, 43.1918, 44.4318**, and **8.1225, 6.9480, 6.8742** is the 20% darker color. If you saturate the color by 10%, you get **19.6458, 16.4508, 15.7981**, and if you desaturate by 10%, it is **24.5878, 23.8493, 25.1080**.

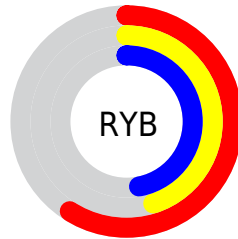
Distribution



Red (59%)

Green (45%)

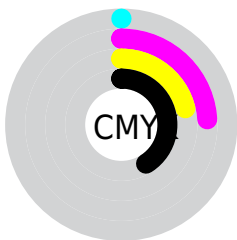
Blue (47%)



Red (59%)

Yellow (45%)

Blue (47%)

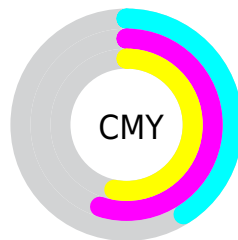


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (41%)



Cyan (41%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9248, 19.8506, 20.1287 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 21.9248, 19.8506, 20.1287 by changing the saturation by 10% instead.

■ 21.9248, 19.8506,
20.1287

■ 21.9248, 19.8506,
20.1287

254.7931,
251.1052, 265.2382

■ 13.9179, 12.2865,
12.3036

■ 46.1015, 43.1666,
44.4947

■ 8.1449, 6.9391,
6.8258

■ 63.0020, 59.6872,
61.8726

■ 4.2404, 3.4240,
3.2766

■ 83.5977, 79.9621,
83.2720

■ 1.8390, 1.3569,
1.2375

■ 108.2541,
104.3758, 109.1112

■ 0.5410, 0.1846,
0.0098

137.3365,
133.3125, 139.8089

■ 0.0000, 0.0000,
0.0000

171.2102,

167.1567, 175.7837

210.2406,
206.2928, 217.4539

■ 21.9248, 19.8506,
20.1287

■ 21.9248, 19.8506,
20.1287

■ 19.6458, 16.4508,
15.7981

■ 24.5878, 23.8493,
25.1080

■ 17.7315, 13.6186,
12.0884

■ 27.6499, 28.4711,
30.7601

■ 16.1633, 11.3236,
8.9712

■ 31.1270, 33.7419,
37.1092

■ 14.9201, 9.5320,
6.4156

■ 35.0341, 39.6856,
44.1780

■ 13.9790, 8.2056,
4.3880

■ 39.3851, 46.3246,
51.9881

■ 13.3134, 7.3011,
2.8508

■ 44.1934, 53.6805,
60.5603

■ 12.8921, 6.7662,
1.7616

■ 49.4718, 61.7739,
69.9144

■ 12.7115, 6.5376,
1.2928

■ 55.2328, 70.6246,
80.0697

■ 61.4880, 80.2514,
91.0447

Harmonies

Analogous

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



21.7882, 19.8506, 24.5844



21.9248, 19.8506, 20.1287



21.2090, 19.8506, 16.5859

Triad

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



21.9248, 19.8506, 20.1287



17.0186, 19.8506, 15.7871



17.8917, 19.8506, 30.6000

Complementary

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



21.9248, 19.8506, 20.1287



22.9575, 27.4350, 30.8751

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.



16.7048, 19.8506, 27.5674



21.9248, 19.8506, 20.1287



16.2200, 19.8506, 18.8929

Square

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



21.9248, 19.8506, 20.1287



18.3414, 19.8506, 14.3146



16.1083, 19.8506, 23.1705



19.4033, 19.8506, 31.0493

Rectangle

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



21.9248, 19.8506, 20.1287



20.3664, 19.8506, 15.0639



16.1083, 19.8506, 23.1705



17.4438, 19.8506, 29.8313

Sweetspot

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



21.9253, 19.8515, 20.1291



47.0210, 47.5622, 51.0216



23.1297, 20.2211, 31.5384



10.3588, 10.4473, 11.1935



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.



21.9253, 19.8515, 20.1291



36.3694, 31.5614, 31.1250



23.1534, 22.7754, 19.0965



5.8316, 5.8277, 6.2196



10.5502, 5.4251, 1.1123



0.1354, 0.0689, 0.0468

Inverse Universe

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



21.9253, 19.8515, 20.1291



36.3694, 31.5614, 31.1250



21.4479, 23.7854, 32.3150



5.8316, 5.8277, 6.2196



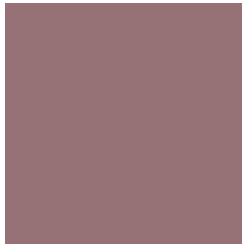
10.5502, 5.4251, 1.1123



0.1354, 0.0689, 0.0468

Previews

White Background



This preview shows how the XYZ color 21.9248, 19.8506, 20.1287 looks on a white background.

Color Contrast Check

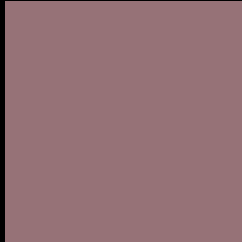
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9248, 19.8506, 20.1287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

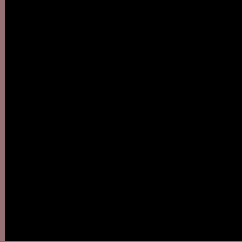
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.9248, 19.8506, 20.1287

Background



This preview shows how black text looks on a background with the XYZ color 21.9248, 19.8506, 20.1287.



This preview shows how white text looks on a background with the XYZ color 21.9248, 19.8506,

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

21.9248, 19.8506, 20.1287

Protanopia

19.1785, 19.9811, 21.9147

Deuteranopia

20.1834, 19.8200, 19.9014



Tritanopia

21.9957, 19.6994, 21.0554

Trichromacy



Original Color

21.9248, 19.8506, 20.1287

Protanomaly

20.0608, 19.9064, 21.1974

Deuteranomaly

20.7866, 19.7814, 19.8622

Tritanomaly

21.9340, 19.6748, 20.7307

Monochromacy



Original Color

21.9248, 19.8506, 20.1287

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.2440, 20.1731, 21.5657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9248, 19.8506, 20.1287 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(150, 114, 119)` looks like.

```
.text, #text, p{  
    color:rgb(150, 114, 119)  
}
```

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(150, 114, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 114, 119) }
```

Border

The CSS property to change the border of an element to XYZ 21.9248, 19.8506, 20.1287 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(150, 114, 119) }
```


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

```
.border{ border-color:rgb(150, 114, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 114, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 114, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 114, 119);  
box-shadow:4px 4px 4px 4px rgb(150, 114,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9248, 19.8506, 20.1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 114, 119) }
```

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

```
.background{ background-color: rgb(150,  
114, 119) }
```

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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