

Converting Colors

XYZ(21.9683, 19.4589, 25.2230)

Have a look what the booklet for
XYZ(21.9683, 19.4589, 25.2230)
contains.

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Color

**XYZ(21.9513, 19.4206,
25.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	927086
RGB	146, 112, 134
RGB Percent	57%, 44%, 53%
CMY	0.4274, 0.5608, 0.4745
CMYK	0.00, 0.23, 0.08, 0.43
HSL	321°, 13%, 51%
HSV	321°, 23%, 57%
XYZ	21.9513, 19.4206, 25.1458
YIQ	124.6740, 13.2020, 14.0500

Conversions

Conversions Part 2

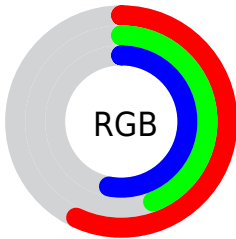
Format	Color
R_{YB}	146, 112, 134
Decimal	9597062
CIE _{Lab}	51.18, 17.22, -6.89
CIE _{LCh}	51, 18.544, 338.203
Yxy	19.4206, 0.3300, 0.2920
Android (android.graphics.Color)	4287787142 (0xFF927086)
YUV	124.6740, 4.5977, 18.7029
Hunter-Lab	44.0688, 11.7930, -2.9829

Details

The XYZ color **21.9513, 19.4206, 25.1458** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.5999, 25.4583, 22.8982**, and the grayscale version is **19.3659, 20.3745, 22.1878**.

A 20% lighter version of the original color is **46.0645, 42.4181, 52.7734**, and **8.1529, 6.7398, 9.2587** is the 20% darker color. If you saturate the color by 10%, you get **20.1186, 16.3162, 22.8046**, and if you desaturate by 10%, it is **24.0639, 23.0562, 27.6671**.

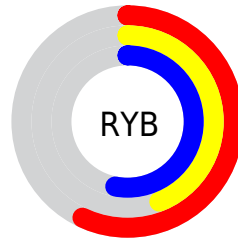
Distribution



Red (57%)

Green (44%)

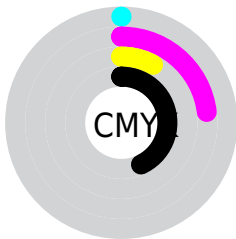
Blue (53%)



Red (57%)

Yellow (44%)

Blue (53%)

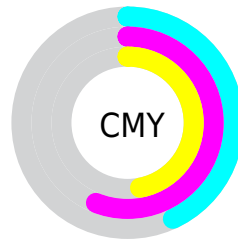


Cyan (0%)

Magenta (23%)

Yellow (8%)

Black (43%)



Cyan (43%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9513, 19.4206, 25.1458 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 21.9513, 19.4206, 25.1458 by changing the saturation by 10% instead.

■ 21.9513, 19.4206,
25.1458

■ 21.9513, 19.4206,
25.1458

254.9290,
248.7610, 292.0341

■ 13.9375, 11.9746,
15.9657

■ 46.1449, 42.4436,
52.8607

■ 8.1586, 6.7264,
9.3458

■ 63.0555, 58.7894,
72.2326

■ 4.2493, 3.2916,
4.8675

■ 83.6624, 78.8706,
95.8388

■ 1.8441, 1.2858,
2.1124

■ 108.3310,
103.0715, 124.0980

■ 0.5440, 0.1302,
0.6231

137.4266,
131.7766, 157.4285

■ 0.0000, 0.0000,
0.0000

171.3145,

165.3703, 196.2490

210.3602,
204.2370, 240.9781

■ 21.9513, 19.4206,
25.1458

■ 21.9513, 19.4206,
25.1458

■ 20.1186, 16.3162,
22.8046

■ 24.0639, 23.0562,
27.6671

■ 18.5512, 13.7151,
20.6369

■ 26.4667, 27.2440,
30.3726

■ 17.2358, 11.5909,
18.6372

■ 29.1715, 32.0069,
33.2675

■ 16.1574, 9.9136,
16.7992

■ 32.1888, 37.3658,
36.3566

■ 15.2990, 8.6500,
15.1159

■ 35.5288, 43.3406,
39.6443

■ 14.6414, 7.7620,
13.5796

■ 39.2012, 49.9502,
43.1350

■ 14.1617, 7.2043,
12.1813

■ 43.2152, 57.2127,
46.8327

■ 13.8955, 6.9276,
11.3045

■ 47.5796, 65.1455,
50.7416

■ 52.3030, 73.7653,
54.8655

Harmonies

Analogous

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



20.7400, 19.4206, 30.1735



21.9513, 19.4206, 25.1458



22.1961, 19.4206, 19.7294

Triad

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



21.9513, 19.4206, 25.1458



17.9573, 19.4206, 12.6018



15.8097, 19.4206, 28.0697

Complementary

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



21.9513, 19.4206, 25.1458



20.5999, 25.4583, 22.8982

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.



15.1663, 19.4206, 22.6283



21.9513, 19.4206, 25.1458



16.3511, 19.4206, 14.1264

Square

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



21.9513, 19.4206, 25.1458



19.8071, 19.4206, 13.0476



15.3577, 19.4206, 17.5941



17.1729, 19.4206, 32.0478

Rectangle

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



21.9513, 19.4206, 25.1458



21.7638, 19.4206, 16.6997



15.3577, 19.4206, 17.5941



15.5064, 19.4206, 26.3182

Sweetspot

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



21.9519, 19.4215, 25.1462



44.9933, 45.0942, 51.7007



19.2811, 17.9423, 29.6414



9.9623, 9.9498, 11.4488



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.



21.9519, 19.4215, 25.1462



36.9574, 31.2547, 42.1401



20.8657, 18.9870, 19.4266



5.9493, 5.8748, 6.8390



12.2388, 6.1006, 10.0047



0.1638, 0.0803, 0.1964

Inverse Universe

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



21.9519, 19.4215, 25.1462



36.9574, 31.2547, 42.1401



21.7619, 25.9231, 29.0174



5.9493, 5.8748, 6.8390



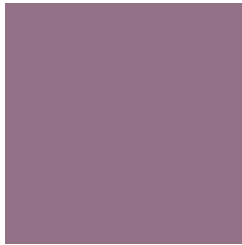
12.2388, 6.1006, 10.0047



0.1638, 0.0803, 0.1964

Previews

White Background



This preview shows how the XYZ color 21.9513, 19.4206, 25.1458 looks on a white background.

Color Contrast Check

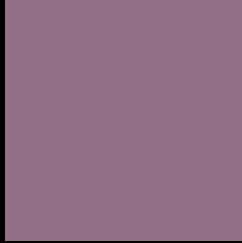
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9513, 19.4206, 25.1458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

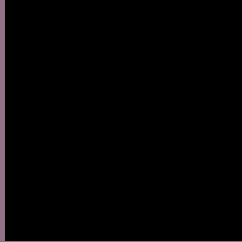
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.9513, 19.4206, 25.1458

Background



This preview shows how black text looks on a background with the XYZ color 21.9513, 19.4206, 25.1458.



This preview shows how white text looks on a background with the XYZ color 21.9513, 19.4206,

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

21.9513, 19.4206, 25.1458

Protanopia

19.1787, 19.4901, 27.5621

Deuteranopia

19.8837, 19.5542, 24.9167



Tritanopia

21.2695, 19.4844, 21.3787

Trichromacy



Original Color

21.9513, 19.4206, 25.1458

Protanomaly

20.1191, 19.4590, 26.7403

Deuteranomaly

20.4707, 19.3351, 24.8434

Tritanomaly

21.4129, 19.3623, 22.6874

Monochromacy



Original Color

21.9513, 19.4206, 25.1458

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.2856, 19.9780, 23.2090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9513, 19.4206, 25.1458 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(146, 112, 134)` looks like.

```
.text, #text, p{  
    color:rgb(146, 112, 134)  
}
```

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(146, 112, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 112, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.9513, 19.4206, 25.1458 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(146, 112, 134) }
```


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

```
.border{ border-color:rgb(146, 112, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 112, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 112, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 112, 134);  
box-shadow:4px 4px 4px 4px rgb(146, 112,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9513, 19.4206, 25.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 112, 134) }
```

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

```
.background{ background-color: rgb(146,  
112, 134) }
```

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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