

Converting Colors

XYZ(22.9863, 19.1326, 21.4444)

Have a look what the booklet for
XYZ(22.9863, 19.1326, 21.4444)
contains.

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Color

**XYZ(22.8927, 19.0324,
21.5358)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6A7C
RGB	158, 106, 124
RGB Percent	62%, 42%, 49%
CMY	0.3804, 0.5843, 0.5137
CMYK	0.00, 0.33, 0.22, 0.38
HSL	339°, 21%, 52%
HSV	339°, 33%, 62%
XYZ	22.8927, 19.0324, 21.5358
YIQ	123.6000, 25.2140, 16.6220

Conversions

Conversions Part 2

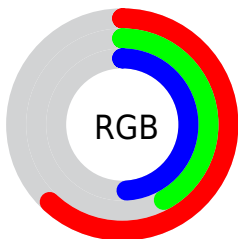
Format	Color
R_{YB}	158, 106, 124
Decimal	10381948
CIE _{Lab}	50.73, 23.48, -1.48
CIE _{LCh}	51, 23.531, 356.382
Yxy	19.0324, 0.3607, 0.2999
Android (android.graphics.Color)	4288572028 (0xFF9E6A7C)
YUV	123.6000, 0.1972, 30.1688
Hunter-Lab	43.6261, 17.3217, 1.2701

Details

The XYZ color **22.8927, 19.0324, 21.5358** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9052, 29.4119, 29.2823**, and the grayscale version is **19.0192, 20.0096, 21.7905**.

A 20% lighter version of the original color is **47.7949, 41.8845, 46.6397**, and **8.6088, 6.5374, 7.4647** is the 20% darker color. If you saturate the color by 10%, you get **20.7925, 15.8233, 17.7794**, and if you desaturate by 10%, it is **25.3624, 22.8706, 25.7536**.

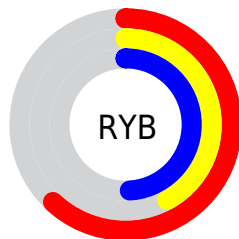
Distribution



Red (62%)

Green (42%)

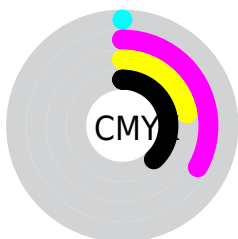
Blue (49%)



Red (62%)

Yellow (42%)

Blue (49%)

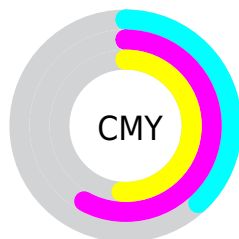


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (38%)



Cyan (38%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8927, 19.0324, 21.5358 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 22.8927, 19.0324, 21.5358 by changing the saturation by 10% instead.

■ 22.8927, 19.0324,
21.5358

■ 22.8927, 19.0324,
21.5358

259.7190,
246.6276, 272.9864

■ 14.6346, 11.6937,
13.3212

■ 47.6850, 41.7888,
46.8699

■ 8.6480, 6.5355,
7.5168

■ 64.9499, 57.9754,
64.8264

■ 4.5675, 3.1733,
3.7040

■ 85.9478, 77.8799,
86.8673

■ 2.0280, 1.2229,
1.4644

■ 111.0440,
101.8870, 113.4111

■ 0.6496, 0.0803,
0.1912

140.6039,
130.3809, 144.8764

■ 0.0000, 0.0000,
0.0000

174.9927,

163.7460, 181.6817

214.5760,
202.3668, 224.2455

■ 22.8927, 19.0324,
21.5358

■ 22.8927, 19.0324,
21.5358

■ 20.7925, 15.8233,
17.7794

■ 25.3624, 22.8706,
25.7536

■ 19.0417, 13.2069,
14.4666

■ 28.2174, 27.3667,
30.4473

■ 17.6204, 11.1469,
11.5803


■ 31.4741, 32.5505,
35.6322


■ 16.5062, 9.6022,
9.1014

■ 35.1479, 38.4496,
41.3223


■ 15.6736, 8.5256,
7.0093

■ 39.2532, 45.0899,
47.5314


 15.0925, 7.8611,
5.2810

 43.8035, 52.4960,
54.2725

 14.7828, 7.5420,
4.2517

 48.8120, 60.6913,
61.5581

 54.2913, 69.6983,
69.4005

 60.2532, 79.5387,
77.8113

Harmonies

Analogous

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



22.0449, 19.0324, 28.5907



22.8927, 19.0324, 21.5358



22.3661, 19.0324, 15.5705

Triad

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



22.8927, 19.0324, 21.5358



16.1876, 19.0324, 11.2912



15.7411, 19.0324, 33.2187

Complementary

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



22.8927, 19.0324, 21.5358



22.9052, 29.4119, 29.2823

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.



14.3965, 19.0324, 26.9028



22.8927, 19.0324, 21.5358



14.6384, 19.0324, 14.4499

Square

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



22.8927, 19.0324, 21.5358



18.3713, 19.0324, 10.4465



14.0104, 19.0324, 19.9310



17.8110, 19.0324, 36.1809

Rectangle

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



22.8927, 19.0324, 21.5358



21.3288, 19.0324, 12.8129



14.0104, 19.0324, 19.9310



15.1964, 19.0324, 31.3596

Sweetspot

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



22.8932, 19.0333, 21.5362



52.7739, 52.1265, 57.7577



22.1079, 18.3358, 34.7220



11.7278, 11.4820, 12.7482



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.8932, 19.0333, 21.5362



38.8893, 30.4502, 34.3457



22.6976, 20.3002, 16.3588



6.7231, 6.6822, 7.3930



11.8565, 6.0472, 3.4953



0.2309, 0.1157, 0.1622

Inverse Universe

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



22.8932, 19.0333, 21.5362



38.8893, 30.4502, 34.3457



23.0544, 27.4100, 36.4236



6.7231, 6.6822, 7.3930



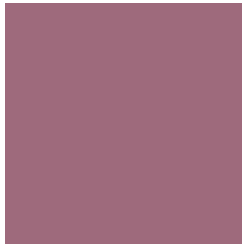
11.8565, 6.0472, 3.4953



0.2309, 0.1157, 0.1622

Previews

White Background



This preview shows how the XYZ color 22.8927, 19.0324, 21.5358 looks on a white background.

Color Contrast Check

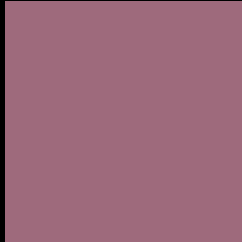
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8927, 19.0324, 21.5358 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 22.8927, 19.0324, 21.5358

Background



This preview shows how black text looks on a background with the XYZ color 22.8927, 19.0324, 21.5358.



This preview shows how white text looks on a background with the XYZ color 22.8927, 19.0324,

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

22.8927, 19.0324, 21.5358

Protanopia

18.6958, 19.1195, 24.8954

Deuteranopia

19.3899, 19.0333, 21.0642



Tritanopia

22.3147, 18.9444, 19.0035

Trichromacy



Original Color

22.8927, 19.0324, 21.5358

Protanomaly

19.9915, 18.9415, 23.7215

Deuteranomaly

20.4648, 18.9030, 21.3089

Tritanomaly

22.4921, 19.0154, 19.9376

Monochromacy



Original Color

22.8927, 19.0324, 21.5358

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.1527, 19.4121, 21.7535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8927, 19.0324, 21.5358 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(158, 106, 124)` looks like.

```
.text, #text, p{  
    color:rgb(158, 106, 124)  
}
```

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(158, 106, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 106, 124) }
```

Border

The CSS property to change the border of an element to XYZ 22.8927, 19.0324, 21.5358 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(158, 106, 124) }
```


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

```
.border{ border-color:rgb(158, 106, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 106, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 106, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 106, 124);  
box-shadow:4px 4px 4px 4px rgb(158, 106,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8927, 19.0324, 21.5358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 106, 124) }
```

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

```
.background{ background-color: rgb(158,  
106, 124) }
```

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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