

Converting Colors

XYZ(21.9062, 18.9042, 19.6667)

Have a look what the booklet for
XYZ(21.9062, 18.9042, 19.6667)
contains.

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Color

**XYZ(21.9590, 18.9032,
19.6308)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6C76
RGB	154, 108, 118
RGB Percent	60%, 42%, 46%
CMY	0.3961, 0.5765, 0.5373
CMYK	0.00, 0.30, 0.23, 0.40
HSL	347°, 19%, 51%
HSV	347°, 30%, 60%
XYZ	21.9590, 18.9032, 19.6308
YIQ	122.8940, 24.2060, 12.8620

Conversions

Conversions Part 2

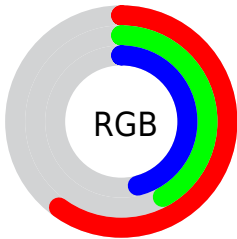
Format	Color
R_{YB}	154, 108, 118
Decimal	10120310
CIE Lab	50.57, 19.85, 1.80
CIE LCh	51, 19.930, 5.173
Yxy	18.9032, 0.3630, 0.3125
Android (android.graphics.Color)	4288310390 (0xFF9A6C76)
YUV	122.8940, -2.4127, 27.2800
Hunter-Lab	43.4778, 14.0674, 3.6643

Details

The XYZ color **21.9590, 18.9032, 19.6308** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7748, 28.3134, 30.6518**, and the grayscale version is **18.7944, 19.7732, 21.5330**.

A 20% lighter version of the original color is **46.1210, 41.5992, 43.6288**, and **8.2008, 6.4987, 6.6165** is the 20% darker color. If you saturate the color by 10%, you get **19.8050, 15.6690, 15.6019**, and if you desaturate by 10%, it is **24.4926, 22.7496, 24.2382**.

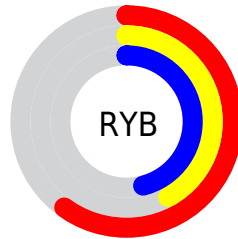
Distribution



Red (60%)

Green (42%)

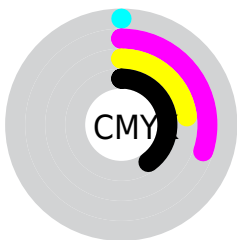
Blue (46%)



Red (60%)

Yellow (42%)

Blue (46%)

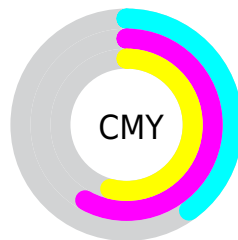


Cyan (0%)

Magenta (30%)

Yellow (23%)

Black (40%)



Cyan (40%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9590, 18.9032, 19.6308 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 21.9590, 18.9032, 19.6308 by changing the saturation by 10% instead.

21.9590, 18.9032,
19.6308

21.9590, 18.9032,
19.6308

254.9685,
245.9139, 262.4471

13.9432, 11.6004,
11.9456

46.1576, 41.5705,
43.6481

8.1626, 6.4722,
6.5845

63.0711, 57.7037,
60.8173

4.2519, 3.1343,
3.1292

83.6812, 77.5491,
81.9848

1.8456, 1.2022,
1.1610

108.3533,
101.4912, 107.5693

0.5449, 0.0635,
0.0000

137.4527,
129.9143, 137.9892

0.0000, 0.0000,
0.0000

171.3448,

163.2029, 173.6631

210.3949,
201.7413, 215.0096

■ 21.9590, 18.9032,
19.6308

■ 21.9590, 18.9032,
19.6308

■ 19.8050, 15.6690,
15.6019

■ 24.4926, 22.7496,
24.2382

■ 18.0103, 13.0127,
12.1273

■ 27.4213, 27.2349,
29.4449

■ 16.5554, 10.9008,
9.1825


■ 30.7619, 32.3872,
35.2718


■ 15.4181, 9.2953,
6.7409


■ 34.5296, 38.2324,
41.7386


■ 14.5736, 8.1530,
4.7733

■ 38.7390, 44.7948,
48.8642


 13.9928, 7.4238,
3.2474


 43.4037, 52.0978,
56.6666

 13.6121, 6.9878,
2.1168

 48.5371, 60.1635,
65.1631

 13.6076, 6.9825,
2.1041

 54.1517, 69.0132,
74.3704

 60.2596, 78.6672,
84.3046

Harmonies

Analogous

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



21.5831, 18.9032, 25.4201



21.9590, 18.9032, 19.6308



21.2039, 18.9032, 15.0036

Triad

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



21.9590, 18.9032, 19.6308



15.8956, 18.9032, 13.0037



16.4405, 18.9032, 31.9265

Complementary

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



21.9590, 18.9032, 19.6308



22.7748, 28.3134, 30.6518

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.



15.0774, 18.9032, 27.3965



21.9590, 18.9032, 19.6308



14.7791, 18.9032, 16.4010

Square

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



21.9590, 18.9032, 19.6308



17.6315, 18.9032, 11.6449



14.4906, 18.9032, 21.5642



18.3066, 18.9032, 33.2126

Rectangle

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



21.9590, 18.9032, 19.6308



20.1908, 18.9032, 12.9764



14.4906, 18.9032, 21.5642



15.9127, 18.9032, 30.6970

Sweetspot

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



21.9595, 18.9041, 19.6312



50.2055, 50.0779, 54.1796



22.5699, 18.9227, 33.0348



11.1873, 11.0636, 11.9526



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.9595, 18.9041, 19.6312



37.1362, 30.1963, 30.5338



22.7824, 21.4508, 17.1282



6.2610, 6.2436, 6.7547



11.0979, 5.6934, 1.7747



0.1775, 0.0898, 0.0875

Inverse Universe

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



21.9595, 18.9041, 19.6312



37.1362, 30.1963, 30.5338



21.6512, 24.7886, 34.2155



6.2610, 6.2436, 6.7547



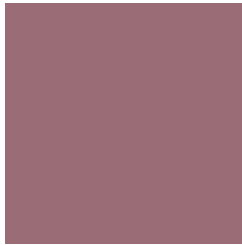
11.0979, 5.6934, 1.7747



0.1775, 0.0898, 0.0875

Previews

White Background



This preview shows how the XYZ color 21.9590, 18.9032, 19.6308 looks on a white background.

Color Contrast Check

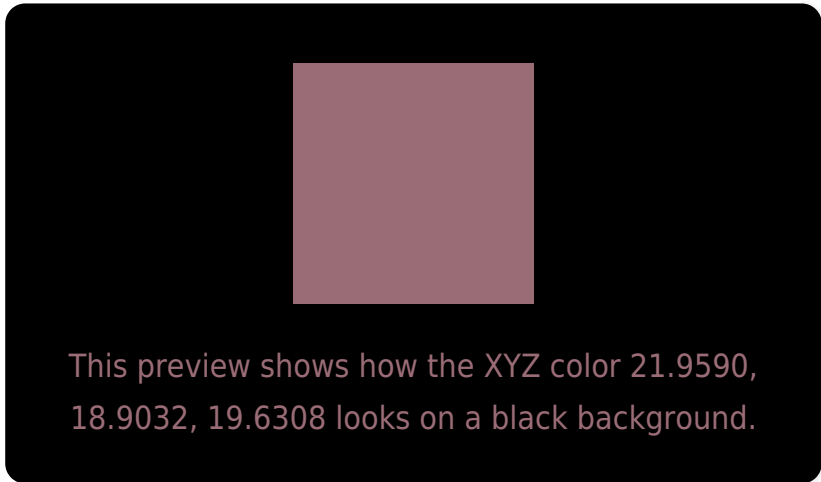
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 21.9590, 18.9032, 19.6308

Background



This preview shows how black text looks on a background with the XYZ color 21.9590, 18.9032, 19.6308.



This preview shows how white text looks on a background with the XYZ color 21.9590, 18.9032,

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

21.9590, 18.9032, 19.6308

Protanopia

18.4442, 19.0512, 22.1072

Deuteranopia

19.3452, 19.0519, 19.1808



Tritanopia

21.8999, 18.8795, 19.3195

Trichromacy



Original Color

21.9590, 18.9032, 19.6308

Protanomaly

19.5898, 18.9643, 21.0403

Deuteranomaly

20.2127, 18.9817, 19.4281

Tritanomaly

21.8999, 18.8795, 19.3195

Monochromacy



Original Color

21.9590, 18.9032, 19.6308

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.7611, 19.4057, 20.7933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9590, 18.9032, 19.6308 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(154, 108, 118)` looks like.

```
.text, #text, p{  
    color:rgb(154, 108, 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(154, 108, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 108, 118) }
```

Border

The CSS property to change the border of an element to XYZ 21.9590, 18.9032, 19.6308 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(154, 108, 118) }
```


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

```
.border{ border-color:rgb(154, 108, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 108, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 108, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 108, 118);  
box-shadow:4px 4px 4px 4px rgb(154, 108,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9590, 18.9032, 19.6308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 108, 118) }
```

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

```
.background{ background-color: rgb(154,  
108, 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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