

Converting Colors

XYZ(21.5553, 18.7914, 16.8457)

Have a look what the booklet for
XYZ(21.5553, 18.7914, 16.8457)
contains.

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Color

**XYZ(21.6404, 18.7978,
16.9558)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6C6D
RGB	155, 108, 109
RGB Percent	61%, 42%, 43%
CMY	0.3922, 0.5765, 0.5725
CMYK	0.00, 0.30, 0.30, 0.39
HSL	359°, 19%, 52%
HSV	359°, 30%, 61%
XYZ	21.6404, 18.7978, 16.9558
YIQ	122.1670, 27.6910, 10.2750

Conversions

Conversions Part 2

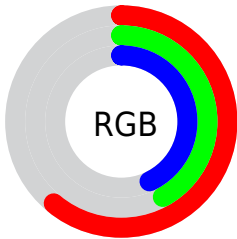
Format	Color
R_{YB}	155, 108, 109
Decimal	10185837
CIE Lab	50.45, 18.89, 6.97
CIE LCh	50, 20.136, 20.245
Yxy	18.7978, 0.3770, 0.3275
Android (android.graphics.Color)	4288375917 (0xFF9B6C6D)
YUV	122.1670, -6.4913, 28.7945
Hunter-Lab	43.3564, 13.2206, 7.1624

Details

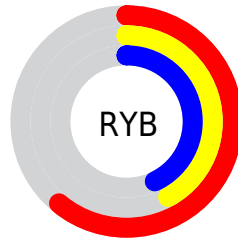
The XYZ color **21.6404, 18.7978, 16.9558** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.7391, 28.9642, 34.9126**, and the grayscale version is **18.5679, 19.5348, 21.2734**.

A 20% lighter version of the original color is **45.4943, 41.3813, 38.8473**, and **7.9648, 6.4043, 5.3738** is the 20% darker color. If you saturate the color by 10%, you get **19.4013, 15.5156, 12.5219**, and if you desaturate by 10%, it is **24.3122, 22.7195, 22.2298**.

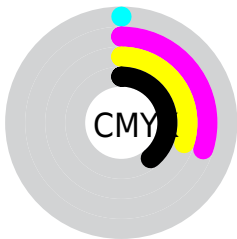
Distribution



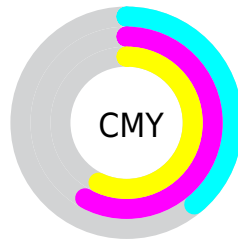
- Red (61%)
- Green (42%)
- Blue (43%)



- Red (61%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (39%)





- Cyan (39%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.6404, 18.7978, 16.9558 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 21.6404, 18.7978, 16.9558 by changing the saturation by 10% instead.


 21.6404, 18.7978,
16.9558


 21.6404, 18.7978,
16.9558


253.3304,
245.3302, 246.9529


 13.7080, 11.5243,
10.0414


 45.6342, 41.3921,
39.0394

 7.9982, 6.4206,
5.3204


 62.4264, 57.4818,
55.0456

 4.1456, 3.1025,
2.3745


 82.9025, 77.2788,
74.9195

 1.7848, 1.1855,
0.7725

 107.4280,
101.1678, 99.0796

 0.5085, 0.0498,
0.0000

136.3682,
129.5330, 127.9444

 0.0000, 0.0000,
0.0000

170.0884,

162.7589, 161.9325

208.9540,
201.2298, 201.4625

■ 21.6404, 18.7978,
16.9558

■ 21.6404, 18.7978,
16.9558

■ 19.4013, 15.5156,
12.5219

■ 24.3122, 22.7195,
22.2298

■ 17.5706, 12.8364,
8.8837

■ 27.4361, 27.3091,
28.3830

■ 16.1242, 10.7245,
5.9945

■ 31.0322, 32.5968,
35.4533


■ 15.0347, 9.1389,
3.8022


■ 35.1190, 38.6099,
43.4761


■ 14.2712, 8.0334,
2.2479


■ 39.7140, 45.3745,
52.4848


 13.7974, 7.3539,
1.2634

 44.8338, 52.9152,
62.5115

 13.5356, 6.9758,
0.7275

 50.4941, 61.2555,
73.5866

 56.7103, 70.4180,
85.7392

 63.4969, 80.4245,
98.9974

Harmonies

Analogous

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



21.8436, 18.7978, 22.3511



21.6404, 18.7978, 16.9558



20.3864, 18.7978, 13.2416

Triad

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



21.6404, 18.7978, 16.9558



15.1236, 18.7978, 14.3129



17.2359, 18.7978, 33.0518

Complementary

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



21.6404, 18.7978, 16.9558



23.7391, 28.9642, 34.9126

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.



15.5637, 18.7978, 29.9356



21.6404, 18.7978, 16.9558



14.4044, 18.7978, 18.6930

Square

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



21.6404, 18.7978, 16.9558



16.5943, 18.7978, 11.9204



14.5595, 18.7978, 24.4336



19.2026, 18.7978, 32.3539

Rectangle

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



21.6404, 18.7978, 16.9558



19.1709, 18.7978, 11.8984



14.5595, 18.7978, 24.4336



16.6231, 18.7978, 32.3968

Sweetspot

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



21.6409, 18.7987, 16.9562



49.8288, 49.9272, 52.1956



24.4982, 19.9071, 33.5615



11.0909, 11.0250, 11.4451



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.



21.6409, 18.7987, 16.9562



36.1100, 29.7858, 25.1296



24.1986, 23.9994, 17.5455



6.2138, 6.2247, 6.5062



10.8737, 5.6037, 0.5939



0.1638, 0.0843, 0.0154

Inverse Universe

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



21.6409, 18.7987, 16.9562



36.1100, 29.7858, 25.1296



20.4981, 22.3488, 34.2437



6.2138, 6.2247, 6.5062



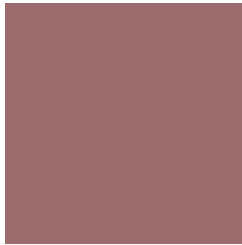
10.8737, 5.6037, 0.5939



0.1638, 0.0843, 0.0154

Previews

White Background



This preview shows how the XYZ color 21.6404, 18.7978, 16.9558 looks on a white background.

Color Contrast Check

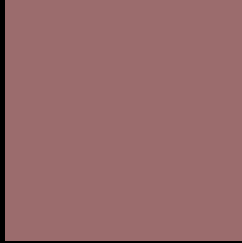
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6404, 18.7978, 16.9558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

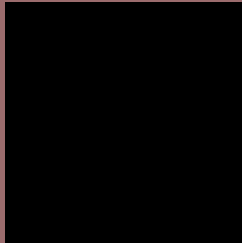
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.6404, 18.7978, 16.9558

Background



This preview shows how black text looks on a background with the XYZ color 21.6404, 18.7978, 16.9558.



This preview shows how white text looks on a background with the XYZ color 21.6404, 18.7978,

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

21.6404, 18.7978, 16.9558

Protanopia

18.1232, 18.9558, 18.9233

Deuteranopia

19.2687, 18.8919, 16.8183



Tritanopia

22.0625, 18.8211, 18.6897

Trichromacy



Original Color

21.6404, 18.7978, 16.9558

Protanomaly

19.2177, 18.8339, 18.2452

Deuteranomaly

20.1135, 18.8223, 16.7603

Tritanomaly

21.9486, 18.7756, 18.0900

Monochromacy



Original Color

21.6404, 18.7978, 16.9558

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.4037, 19.0753, 19.4888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6404, 18.7978, 16.9558 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(155, 108, 109)` looks like.

```
.text, #text, p{  
    color:rgb(155, 108, 109)  
}
```

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(155, 108, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 108, 109) }
```

Border

The CSS property to change the border of an element to XYZ 21.6404, 18.7978, 16.9558 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(155, 108, 109) }
```


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

```
.border{ border-color:rgb(155, 108, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 108, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 108, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 108, 109);  
box-shadow:4px 4px 4px 4px rgb(155, 108,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6404, 18.7978, 16.9558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 108, 109) }
```

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

```
.background{ background-color: rgb(155,  
108, 109) }
```

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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