

Converting Colors

XYZ(21.1078, 18.9510, 22.8963)

Have a look what the booklet for
XYZ(21.1078, 18.9510, 22.8963)
contains.

XYZ(21.0823, 18.8567, 22.9506)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.0823, 18.8567,
22.9506)**

Conversions

Conversions Part 1

Format	Color
Hex	906F80
RGB	144, 111, 128
RGB Percent	56%, 44%, 50%
CMY	0.4353, 0.5647, 0.4980
CMYK	0.00, 0.23, 0.11, 0.44
HSL	329°, 13%, 50%
HSV	329°, 23%, 56%
XYZ	21.0823, 18.8567, 22.9506
YIQ	122.8050, 14.2110, 12.2830

Conversions

Conversions Part 2

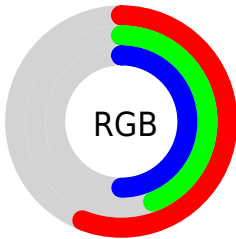
Format	Color
R_{YB}	144, 111, 128
Decimal	9465728
CIE _{Lab}	50.52, 15.95, -4.34
CIE _{LCh}	51, 16.525, 344.782
Yxy	18.8567, 0.3352, 0.2998
Android (android.graphics.Color)	4287655808 (0xFF906F80)
YUV	122.8050, 2.5611, 18.5880
Hunter-Lab	43.4243, 10.6684, -0.9389

Details

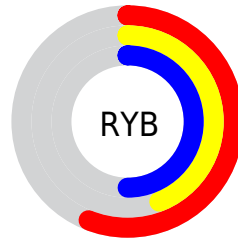
The XYZ color **21.0823, 18.8567, 22.9506** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.3603, 24.8588, 23.8050**, and the grayscale version is **18.7515, 19.7281, 21.4839**.

A 20% lighter version of the original color is **44.7264, 41.5363, 49.3760**, and **7.7030, 6.4467, 8.2355** is the 20% darker color. If you saturate the color by 10%, you get **19.1921, 15.7866, 20.1306**, and if you desaturate by 10%, it is **23.2585, 22.4478, 26.0224**.

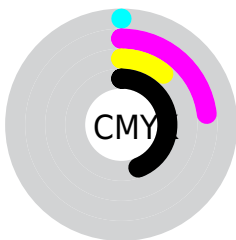
Distribution



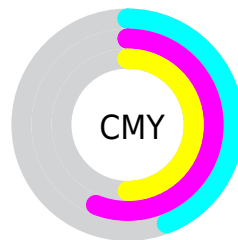
- Red (56%)
- Green (44%)
- Blue (50%)



- Red (56%)
- Yellow (44%)
- Blue (50%)



- Cyan (0%)
- Magenta (23%)
- Yellow (11%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0823, 18.8567, 22.9506 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 21.0823, 18.8567, 22.9506 by changing the saturation by 10% instead.

■ 21.0823, 18.8567,
22.9506

■ 21.0823, 18.8567,
22.9506

250.4390,
245.6565, 280.5849

■ 13.2970, 11.5668,
14.3521

■ 44.7147, 41.4918,
49.2344

■ 7.7118, 6.4494,
8.2244

■ 61.2925, 57.6058,
67.7567

■ 3.9613, 3.1202,
4.1490

■ 81.5318, 77.4299,
90.4240

■ 1.6803, 1.1948,
1.7075

■ 105.7981,
101.3486, 117.6549

■ 0.4439, 0.0575,
0.3658

134.4565,
129.7462, 149.8679

■ 0.0000, 0.0000,
0.0000

167.8726,

163.0071, 187.4815

206.4116,
201.5158, 230.9143

■ 21.0823, 18.8567,
22.9506

■ 21.0823, 18.8567,
22.9506

■ 19.1921, 15.7866,
20.1306

■ 23.2585, 22.4478,
26.0224

■ 17.5737, 13.2104,
17.5539

■ 25.7310, 26.5802,
29.3519

■ 16.2136, 11.1025,
15.2131

■ 28.5116, 31.2761,
32.9462

■ 15.0969, 9.4340,
13.0999

■ 31.6109, 36.5560,
36.8115

■ 14.2070, 8.1725,
11.2052

■ 35.0390, 42.4391,
40.9542

■ 13.5249, 7.2814,
9.5191

■ 38.8056, 48.9439,
45.3801

■ 13.0282, 6.7171,
8.0307

■ 42.9198, 56.0878,
50.0950

■ 12.7437, 6.4261,
7.0784

■ 47.3906, 63.8879,
55.1044

■ 52.2265, 72.3604,
60.4137

Harmonies

Analogous

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



20.1954, 18.8567, 27.4973



21.0823, 18.8567, 22.9506



21.0891, 18.8567, 18.3496

Triad

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



21.0823, 18.8567, 22.9506



17.1437, 18.8567, 13.0905



15.8119, 18.8567, 27.4393

Complementary

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



21.0823, 18.8567, 22.9506



20.3603, 24.8588, 23.8050

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.



15.0903, 18.8567, 22.8803



21.0823, 18.8567, 22.9506



15.8273, 18.8567, 14.8546

Square

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



21.0823, 18.8567, 22.9506



18.7485, 18.8567, 13.1035



15.0957, 18.8567, 18.2891



17.1215, 18.8567, 30.3412

Rectangle

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



21.0823, 18.8567, 22.9506



20.5903, 18.8567, 15.8737



15.0957, 18.8567, 18.2891



15.4961, 18.8567, 26.0220

Sweetspot

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



21.0828, 18.8575, 22.9510



43.4737, 43.6793, 49.2298



19.4642, 17.8917, 28.8133



9.9192, 9.9326, 11.2220



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.



21.0828, 18.8575, 22.9510



35.5767, 30.6359, 38.1179



20.0863, 18.4589, 17.7035



5.5176, 5.4676, 6.2234



11.1093, 5.6007, 6.2267



0.1173, 0.0580, 0.1182

Inverse Universe

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



21.0828, 18.8575, 22.9510



35.5767, 30.6359, 38.1179



21.5215, 25.3233, 29.9195



5.5176, 5.4676, 6.2234



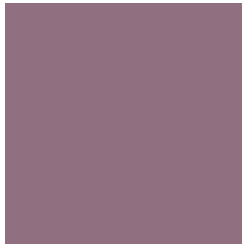
11.1093, 5.6007, 6.2267



0.1173, 0.0580, 0.1182

Previews

White Background



This preview shows how the XYZ color 21.0823, 18.8567, 22.9506 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 21.0823, 18.8567, 22.9506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

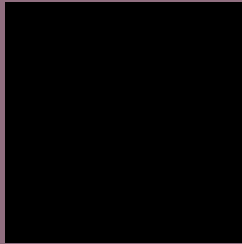
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0823, 18.8567, 22.9506

Background



This preview shows how black text looks on a background with the XYZ color 21.0823, 18.8567, 22.9506.



This preview shows how white text looks on a background with the XYZ color 21.0823, 18.8567,

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

21.0823, 18.8567, 22.9506

Protanopia

18.5579, 19.0483, 24.8889

Deuteranopia

19.2453, 18.9220, 22.7166



Tritanopia

20.5731, 18.8085, 20.6352

Trichromacy



Original Color

21.0823, 18.8567, 22.9506

Protanomaly

19.3601, 18.9505, 24.1101

Deuteranomaly

19.7930, 18.8621, 22.6762

Tritanomaly

20.7600, 18.8832, 21.6194

Monochromacy



Original Color

21.0823, 18.8567, 22.9506

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.6586, 19.4996, 22.1297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0823, 18.8567, 22.9506 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(144, 111, 128)` looks like.

```
.text, #text, p{  
    color:rgb(144, 111, 128)  
}
```

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(144, 111, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 111, 128) }
```

Border

The CSS property to change the border of an element to XYZ 21.0823, 18.8567, 22.9506 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(144, 111, 128) }
```


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

```
.border{ border-color:rgb(144, 111, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 111, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 111, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 111, 128);  
box-shadow:4px 4px 4px 4px rgb(144, 111,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0823, 18.8567, 22.9506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 111, 128) }
```

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

```
.background{ background-color: rgb(144,  
111, 128) }
```

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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