

Converting Colors

XYZ(21.5310, 17.7104, 22.3623)

Have a look what the booklet for
XYZ(21.5310, 17.7104, 22.3623)
contains.

XYZ(21.5310, 17.7104, 22.3623)	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(21.5310, 17.7104,
22.3623)**

Conversions

Conversions Part 1

Format	Color
Hex	98667F
RGB	152, 102, 127
RGB Percent	60%, 40%, 50%
CMY	0.4039, 0.6000, 0.5020
CMYK	0.00, 0.33, 0.16, 0.40
HSL	330°, 20%, 50%
HSV	330°, 33%, 60%
XYZ	21.5310, 17.7104, 22.3623
YIQ	119.8000, 21.7750, 18.3750

Conversions

Conversions Part 2

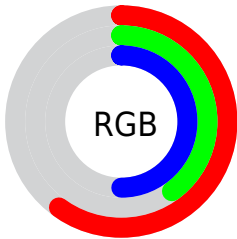
Format	Color
R_{YB}	152, 102, 127
Decimal	9987711
CIE _{Lab}	49.14, 24.01, -5.68
CIE _{LCh}	49, 24.673, 346.680
Yxy	17.7104, 0.3495, 0.2875
Android (android.graphics.Color)	4288177791 (0xFF98667F)
YUV	119.8000, 3.5496, 28.2394
Hunter-Lab	42.0837, 17.6782, -2.0467

Details

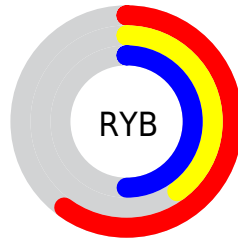
The XYZ color **21.5310, 17.7104, 22.3623** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.5392, 26.8140, 24.1729**, and the grayscale version is **17.7733, 18.6989, 20.3631**.

A 20% lighter version of the original color is **45.5259, 39.6719, 48.4380**, and **7.9498, 5.8977, 7.9271** is the 20% darker color. If you saturate the color by 10%, you get **19.6952, 14.8016, 19.3980**, and if you desaturate by 10%, it is **23.6792, 21.1836, 25.6155**.

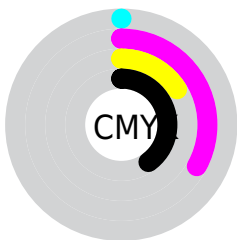
Distribution



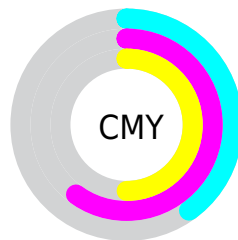
- Red (60%)
- Green (40%)
- Blue (50%)



- Red (60%)
- Yellow (40%)
- Blue (50%)



- Cyan (0%)
- Magenta (33%)
- Yellow (16%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5310, 17.7104, 22.3623 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 21.5310, 17.7104, 22.3623 by changing the saturation by 10% instead.

■ 21.5310, 17.7104,
22.3623

■ 21.5310, 17.7104,
22.3623

252.7658,
239.2336, 277.4475

■ 13.6274, 10.7423,
13.9225

■ 45.4543, 39.5432,
48.2539

■ 7.9419, 5.8938,
7.9286

■ 62.2046, 55.1767,
66.5428

■ 4.1093, 2.7806,
3.9622

■ 82.6345, 74.4675,
88.9518

■ 1.7642, 1.0183,
1.6046

■ 107.1094, 97.7998,
115.8995

■ 0.4959, 0.0000,
0.2941

135.9947,
125.5582, 147.8043

■ 0.0000, 0.0000,
0.0000

169.6556,

158.1271, 185.0849

208.4575,
195.8907, 228.1598

■ 21.5310, 17.7104,
22.3623

■ 21.5310, 17.7104,
22.3623

■ 19.6952, 14.8016,
19.3980

■ 23.6792, 21.1836,
25.6155

■ 18.1543, 12.4245,
16.7122

■ 26.1527, 25.2467,
29.1653

■ 16.8916, 10.5466,
14.2952

■ 28.9659, 29.9268,
33.0204

■ 15.8880, 9.1310,
12.1365

■ 32.1316, 35.2483,
37.1888

■ 15.1216, 8.1356,
10.2242

■ 35.6619, 41.2345,
41.6781

■ 14.5666, 7.5104,
8.5450

■ 39.5685, 47.9074,
46.4958

■ 14.2534, 7.1972,
7.4747

■ 43.8625, 55.2880,
51.6488

■ 48.5543, 63.3965,
57.1440

■ 53.6543, 72.2522,
62.9882

Harmonies

Analogous

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



20.2723, 17.7104, 29.3827



21.5310, 17.7104, 22.3623



21.4518, 17.7104, 15.8612

Triad

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



21.5310, 17.7104, 22.3623



15.5914, 17.7104, 9.4919



13.9686, 17.7104, 30.0858

Complementary

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



21.5310, 17.7104, 22.3623



20.5392, 26.8140, 24.1729

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.



12.9302, 17.7104, 23.1660



21.5310, 17.7104, 22.3623



13.8068, 17.7104, 11.8127

Square

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



21.5310, 17.7104, 22.3623



17.8764, 17.7104, 9.3722



12.8739, 17.7104, 16.5013



15.8314, 17.7104, 34.4821

Rectangle

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



21.5310, 17.7104, 22.3623



20.6487, 17.7104, 12.6449



12.8739, 17.7104, 16.5013



13.5193, 17.7104, 27.9146

Sweetspot

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



21.5315, 17.7112, 22.3627



47.4416, 46.6824, 53.2616



19.1720, 16.2826, 31.8384



10.6423, 10.3772, 11.9105



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.5315, 17.7112, 22.3627



35.7221, 27.6320, 35.8254



20.0992, 17.1383, 14.8200



6.3311, 6.2716, 7.1238



11.9667, 6.0409, 6.3497



0.1972, 0.0976, 0.1915

Inverse Universe

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



21.5315, 17.7112, 22.3627



35.7221, 27.6320, 35.8254



22.3757, 27.5486, 33.8441



6.3311, 6.2716, 7.1238



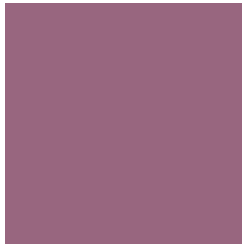
11.9667, 6.0409, 6.3497



0.1972, 0.0976, 0.1915

Previews

White Background



This preview shows how the XYZ color 21.5310, 17.7104, 22.3623 looks on a white 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

Black Background



This preview shows how the XYZ color 21.5310, 17.7104, 22.3623 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 21.5310, 17.7104, 22.3623

Background



This preview shows how black text looks on a background with the XYZ color 21.5310, 17.7104, 22.3623.



This preview shows how white text looks on a background with the XYZ color 21.5310, 17.7104,

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

21.5310, 17.7104, 22.3623

Protanopia

17.4994, 17.7791, 25.8019

Deuteranopia

18.1764, 17.8753, 21.8943



Tritanopia

20.6099, 17.7794, 17.9683

Trichromacy



Original Color

21.5310, 17.7104, 22.3623

Protanomaly

18.6705, 17.5744, 24.5985

Deuteranomaly

19.3335, 17.8091, 22.1572

Tritanomaly

20.9828, 17.7879, 19.4670

Monochromacy



Original Color

21.5310, 17.7104, 22.3623

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.9960, 18.1458, 21.2402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5310, 17.7104, 22.3623 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(152, 102, 127)` looks like.

```
.text, #text, p{  
    color:rgb(152, 102, 127)  
}
```

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(152, 102, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 102, 127) }
```

Border

The CSS property to change the border of an element to XYZ 21.5310, 17.7104, 22.3623 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(152, 102, 127) }
```


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

```
.border{ border-color:rgb(152, 102, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 102, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 102, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 102, 127);  
box-shadow:4px 4px 4px 4px rgb(152, 102,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5310, 17.7104, 22.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 102, 127) }
```

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

```
.background{ background-color: rgb(152,  
102, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor