

Converting Colors

XYZ(22.5147, 21.0370, 19.3967)

Have a look what the booklet for
XYZ(22.5147, 21.0370, 19.3967)
contains.

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Color

**XYZ(22.5117, 21.0339,
19.3965)**

Conversions

Conversions Part 1

Format	Color
Hex	977774
RGB	151, 119, 116
RGB Percent	59%, 47%, 45%
CMY	0.4078, 0.5333, 0.5451
CMYK	0.00, 0.21, 0.23, 0.41
HSL	5°, 14%, 52%
HSV	5°, 23%, 59%
XYZ	22.5117, 21.0339, 19.3965
YIQ	128.2260, 20.0350, 5.8510

Conversions

Conversions Part 2

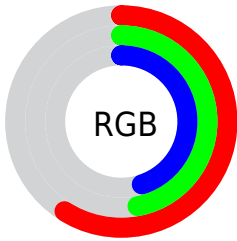
Format	Color
R_{YB}	151, 119, 116
Decimal	9926516
CIE _{Lab}	52.99, 12.00, 6.41
CIE _{LCh}	53, 13.605, 28.101
Yxy	21.0339, 0.3577, 0.3342
Android (android.graphics.Color)	4288116596 (0xFF977774)
YUV	128.2260, -6.0274, 19.9728
Hunter-Lab	45.8627, 7.3569, 7.0287

Details

The XYZ color **22.5117, 21.0339, 19.3965** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3781, 27.1265, 33.2820**, and the grayscale version is **20.6121, 21.6856, 23.6156**.

A 20% lighter version of the original color is **47.0844, 45.0748, 43.2645**, and **8.3791, 7.4503, 6.4653** is the 20% darker color. If you saturate the color by 10%, you get **20.1786, 17.6608, 14.6319**, and if you desaturate by 10%, it is **25.2274, 24.9434, 24.9936**.

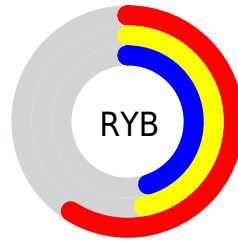
Distribution



Red (59%)

Green (47%)

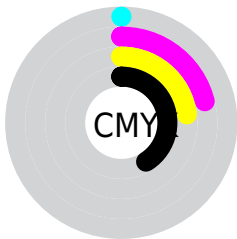
Blue (45%)



Red (59%)

Yellow (47%)

Blue (45%)

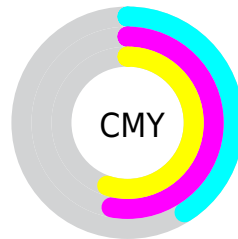


Cyan (0%)

Magenta (21%)

Yellow (23%)

Black (41%)



Cyan (41%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5117, 21.0339, 19.3965 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 22.5117, 21.0339, 19.3965 by changing the saturation by 10% instead.

■ 22.5117, 21.0339,
19.3965

■ 22.5117, 21.0339,
19.3965

257.7894,
257.4586, 261.1243

■ 14.3521, 13.1488,
11.7774

■ 47.0629, 45.1439,
43.2486

■ 8.4493, 7.5311,
6.4716

■ 64.1851, 62.1377,
60.3187

■ 4.4380, 3.7964,
3.0605

■ 85.0256, 82.9364,
81.3763

■ 1.9528, 1.5603,
1.1256

109.9497,
107.9245, 106.8398

■ 0.6072, 0.3306,
0.0000

139.3228,
137.4863, 137.1278

■ 0.0000, 0.0000,
0.0000

173.5102,

172.0064, 172.6589

212.8773,
211.8690, 213.8515

■ 22.5117, 21.0339,
19.3965

■ 22.5117, 21.0339,
19.3965

■ 20.1786, 17.6608,
14.6319

■ 25.2274, 24.9434,
24.9936

■ 18.2092, 14.7979,
10.6587

■ 28.3401, 29.4082,
31.4589

■ 16.5857, 12.4212,
7.4344

■ 31.8655, 34.4498,
38.8276

■ 15.2880, 10.5036,
4.9121

■ 35.8178, 40.0878,
47.1326

■ 14.2939, 9.0156,
3.0393

■ 40.2107, 46.3408,
56.4052

■ 13.5786, 7.9237,
1.7563

■ 45.0572, 53.2266,
66.6752

■ 13.1131, 7.1901,
0.9925

■ 50.3699, 60.7624,
77.9710

■ 12.9059, 6.8660,
0.6451

■ 56.1608, 68.9646,
90.3201

■ 62.4414, 77.8491,
103.7488

Harmonies

Analogous

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



22.8620, 21.0339, 23.1638



22.5117, 21.0339, 19.3965



21.4775, 21.0339, 16.8573

Triad

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



22.5117, 21.0339, 19.3965



17.7518, 21.0339, 18.9955



19.9013, 21.0339, 31.6890

Complementary

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



22.5117, 21.0339, 19.3965



23.3781, 27.1265, 33.2820

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.



18.5768, 21.0339, 30.2432



22.5117, 21.0339, 19.3965



17.3730, 21.0339, 22.6429

Square

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



22.5117, 21.0339, 19.3965



18.7272, 21.0339, 16.6459



17.6679, 21.0339, 26.8071



21.3127, 21.0339, 30.5578

Rectangle

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



22.5117, 21.0339, 19.3965



20.5632, 21.0339, 16.0410



17.6679, 21.0339, 26.8071



19.4316, 21.0339, 31.4851

Sweetspot

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



22.5123, 21.0349, 19.3969



48.4581, 49.3768, 51.5614



24.3600, 21.2111, 30.8620



10.9471, 11.1269, 11.5804



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.



22.5123, 21.0349, 19.3969



37.9841, 34.3021, 29.9637



24.7780, 25.5664, 20.1522



6.2493, 6.3037, 6.4932



10.9893, 5.8609, 0.5521



0.1742, 0.1074, 0.0116

Inverse Universe

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



23.3781, 27.1265, 33.2820



39.8208, 47.2353, 59.4522



20.8491, 22.0685, 32.4391



6.3393, 6.9359, 7.9336



12.4997, 17.3960, 27.6067



0.1984, 0.2831, 0.4166

Previews

White Background



This preview shows how the XYZ color 22.5117, 21.0339, 19.3965 looks on a white background.

Color Contrast Check

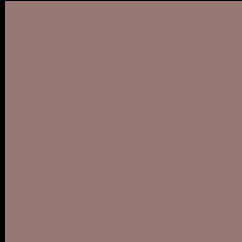
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5117, 21.0339, 19.3965 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 22.5117, 21.0339, 19.3965

Background



This preview shows how black text looks on a background with the XYZ color 22.5117, 21.0339, 19.3965.



This preview shows how white text looks on a background with the XYZ color 22.5117, 21.0339,

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

22.5117, 21.0339, 19.3965

Protanopia

20.2111, 21.1031, 20.7774

Deuteranopia

21.3817, 20.9965, 19.1454



Tritanopia

23.0761, 20.9043, 22.5574

Trichromacy



Original Color

22.5117, 21.0339, 19.3965

Protanomaly

20.8940, 20.9011, 20.3858

Deuteranomaly

21.7859, 21.0235, 19.1294

Tritanomaly

22.9402, 21.0374, 21.2639

Monochromacy



Original Color

22.5117, 21.0339, 19.3965

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.1250, 21.3567, 22.0776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5117, 21.0339, 19.3965 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(151, 119, 116)` looks like.

```
.text, #text, p{  
    color:rgb(151, 119, 116)  
}
```

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(151, 119, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 119, 116) }
```

Border

The CSS property to change the border of an element to XYZ 22.5117, 21.0339, 19.3965 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(151, 119, 116) }
```


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

```
.border{ border-color:rgb(151, 119, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 119, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 119, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 119, 116);  
box-shadow:4px 4px 4px 4px rgb(151, 119,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5117, 21.0339, 19.3965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 119, 116) }
```

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

```
.background{ background-color: rgb(151,  
119, 116) }
```

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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