

Converting Colors

XYZ(23.0717, 21.7940, 21.9457)

Have a look what the booklet for
XYZ(23.0717, 21.7940, 21.9457)
contains.

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Color

**XYZ(23.1753, 21.8583,
22.0664)**

Conversions

Conversions Part 1

Format	Color
Hex	967A7C
RGB	150, 122, 124
RGB Percent	59%, 48%, 49%
CMY	0.4118, 0.5216, 0.5137
CMYK	0.00, 0.19, 0.17, 0.41
HSL	356°, 12%, 53%
HSV	356°, 19%, 59%
XYZ	23.1753, 21.8583, 22.0664
YIQ	130.6000, 16.0460, 6.5580

Conversions

Conversions Part 2

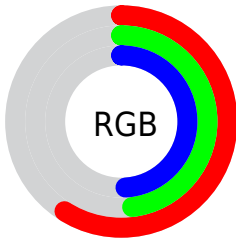
Format	Color
R_{YB}	150, 122, 124
Decimal	9861756
CIE _{Lab}	53.88, 11.18, 3.00
CIE _{LCh}	54, 11.572, 15.022
Yxy	21.8583, 0.3454, 0.3258
Android (android.graphics.Color)	4288051836 (0xFF967A7C)
YUV	130.6000, -3.2538, 17.0138
Hunter-Lab	46.7529, 6.6646, 4.7433

Details

The XYZ color **23.1753, 21.8583, 22.0664** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.2785, 28.0889, 32.1604**, and the grayscale version is **21.4385, 22.5550, 24.5624**.

A 20% lighter version of the original color is **47.8744, 46.2441, 47.4770**, and **8.7981, 7.9257, 7.7227** is the 20% darker color. If you saturate the color by 10%, you get **20.6542, 18.1275, 17.1825**, and if you desaturate by 10%, it is **26.1064, 26.2094, 27.7015**.

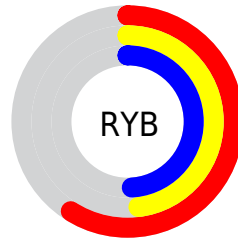
Distribution



Red (59%)

Green (48%)

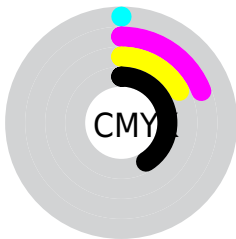
Blue (49%)



Red (59%)

Yellow (48%)

Blue (49%)

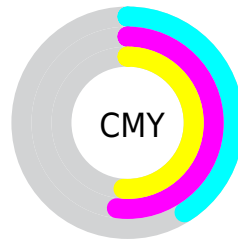


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (41%)



Cyan (41%)

Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1753, 21.8583, 22.0664 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 23.1753, 21.8583, 22.0664 by changing the saturation by 10% instead.

■ 23.1753, 21.8583,
22.0664

■ 23.1753, 21.8583,
22.0664

261.1426,
261.8054, 275.8576

■ 14.8444, 13.7528,
13.7069

■ 48.1456, 46.5117,
47.7593

■ 8.7959, 7.9489,
7.7807

■ 65.5156, 63.8284,
65.9298

■ 4.6643, 4.0623,
3.8692

■ 86.6295, 84.9843,
88.2078

■ 2.0844, 1.7085,
1.5539

111.8524,
110.3637, 115.0116

■ 0.6807, 0.4291,
0.2576

141.5499,
140.3512, 146.7600

■ 0.0000, 0.0000,
0.0000

176.0872,

175.3310, 183.8715

215.8296,
215.6876, 226.7645

■ 23.1753, 21.8583,
22.0664

■ 23.1753, 21.8583,
22.0664

■ 20.6542, 18.1275,
17.1825

■ 26.1064, 26.2094,
27.7015

■ 18.5231, 14.9861,
13.0168

■ 29.4627, 31.2042,
34.1162

■ 16.7629, 12.4047,
9.5357

■ 33.2609, 36.8684,
41.3391

■ 15.3526, 10.3505,
6.7026

■ 37.5163, 43.2254,
49.3970

■ 14.2686, 8.7870,
4.4775

■ 42.2433, 50.2977,
58.3154

■ 13.4846, 7.6734,
2.8157

■ 47.4558, 58.1064,
68.1187

■ 12.9703, 6.9619,
1.6665

■ 53.1672, 66.6721,
78.8305

■ 12.6694, 6.5555,
0.9637

■ 59.3902, 76.0144,
90.4732

■ 12.6365, 6.5076,
0.8977

■ 65.4945, 84.8668,
102.8546

Harmonies

Analogous

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



23.1758, 21.8583, 25.6168



23.1753, 21.8583, 22.0664



22.5146, 21.8583, 19.2710

Triad

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



23.1753, 21.8583, 22.0664



19.1274, 21.8583, 19.2742



20.1629, 21.8583, 31.0586

Complementary

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



23.1753, 21.8583, 22.0664



24.2785, 28.0889, 32.1604

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.



19.1286, 21.8583, 28.9881



23.1753, 21.8583, 22.0664



18.5472, 21.8583, 22.0711

Square

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



23.1753, 21.8583, 22.0664



20.1612, 21.8583, 17.7718



18.5477, 21.8583, 25.6220



21.4025, 21.8583, 31.0570

Rectangle

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



23.1753, 21.8583, 22.0664



21.8033, 21.8583, 18.1090



18.5477, 21.8583, 25.6220



19.7808, 21.8583, 30.5734

Sweetspot

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



23.1759, 21.8593, 22.0669



47.5074, 48.3882, 51.6366



24.6177, 22.3869, 31.8780



10.4563, 10.6164, 11.3056



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.1759, 21.8593, 22.0669



39.1397, 35.9689, 35.5416



24.5703, 24.8481, 21.9147



5.8166, 5.8217, 6.1403



10.4855, 5.3992, 0.7716



0.1317, 0.0674, 0.0270

Inverse Universe

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



23.1759, 21.8593, 22.0669



39.1397, 35.9689, 35.5416



22.6683, 24.6131, 32.4105



5.8166, 5.8217, 6.1403



10.4855, 5.3992, 0.7716



0.1317, 0.0674, 0.0270

Previews

White Background



This preview shows how the XYZ color 23.1753, 21.8583, 22.0664 looks on a white background.

Color Contrast Check

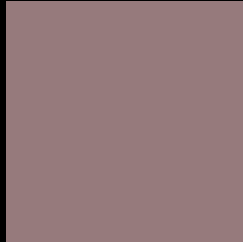
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1753, 21.8583, 22.0664 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 23.1753, 21.8583, 22.0664

Background



This preview shows how black text looks on a background with the XYZ color 23.1753, 21.8583, 22.0664.



This preview shows how white text looks on a background with the XYZ color 23.1753, 21.8583,

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

23.1753, 21.8583, 22.0664

Protanopia

20.9755, 21.8222, 23.5286

Deuteranopia

22.2994, 21.9621, 22.1326



Tritanopia

23.6291, 21.8658, 24.0942

Trichromacy



Original Color

23.1753, 21.8583, 22.0664

Protanomaly

21.7729, 21.8573, 23.1500

Deuteranomaly

22.6998, 21.9815, 22.1152

Tritanomaly

23.4962, 21.8126, 23.3939

Monochromacy



Original Color

23.1753, 21.8583, 22.0664

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.0967, 22.4001, 23.5811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1753, 21.8583, 22.0664 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(150, 122, 124)` looks like.

```
.text, #text, p{  
    color:rgb(150, 122, 124)  
}
```

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(150, 122, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 122, 124) }
```

Border

The CSS property to change the border of an element to XYZ 23.1753, 21.8583, 22.0664 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(150, 122, 124) }
```


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

```
.border{ border-color:rgb(150, 122, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 122, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 122, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 122, 124);  
box-shadow:4px 4px 4px 4px rgb(150, 122,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1753, 21.8583, 22.0664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 122, 124) }
```

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

```
.background{ background-color: rgb(150,  
122, 124) }
```

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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