

Converting Colors

XYZ(23.0111, 21.9768, 22.6122)

Have a look what the booklet for
XYZ(23.0111, 21.9768, 22.6122)
contains.

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Color

**XYZ(23.0616, 21.9682,
22.7635)**

Conversions

Conversions Part 1

Format	Color
Hex	947B7E
RGB	148, 123, 126
RGB Percent	58%, 48%, 49%
CMY	0.4196, 0.5176, 0.5059
CMYK	0.00, 0.17, 0.15, 0.42
HSL	353°, 10%, 53%
HSV	353°, 17%, 58%
XYZ	23.0616, 21.9682, 22.7635
YIQ	130.8170, 13.9370, 6.2330

Conversions

Conversions Part 2

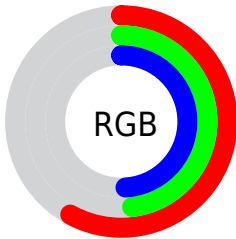
Format	Color
RYB	148, 123, 126
Decimal	9730942
CIELab	53.99, 10.16, 1.98
CIElCh	54, 10.351, 11.008
Yxy	21.9682, 0.3402, 0.3240
Android (android.graphics.Color)	4287921022 (0xFF947B7E)
YUV	130.8170, -2.3748, 15.0695
Hunter-Lab	46.8702, 5.8045, 4.0138

Details

The XYZ color **23.0616, 21.9682, 22.7635** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.8700, 27.4356, 30.8269**, and the grayscale version is **21.5133, 22.6337, 24.6481**.

A 20% lighter version of the original color is **48.0191, 46.8619, 49.1622**, and **8.7181, 7.9748, 8.1010** is the 20% darker color. If you saturate the color by 10%, you get **20.5762, 18.2558, 18.0548**, and if you desaturate by 10%, it is **25.9353, 26.2815, 28.1421**.

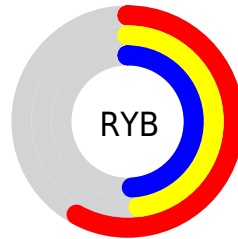
Distribution



Red (58%)

Green (48%)

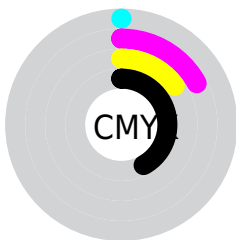
Blue (49%)



Red (58%)

Yellow (48%)

Blue (49%)

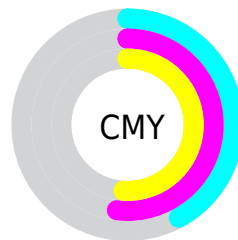


Cyan (0%)

Magenta (17%)

Yellow (15%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0616, 21.9682, 22.7635 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 23.0616, 21.9682, 22.7635 by changing the saturation by 10% instead.

■ 23.0616, 21.9682,
22.7635

■ 23.0616, 21.9682,
22.7635

260.5707,
262.3802, 279.5904

■ 14.7599, 13.8335,
14.2153

■ 47.9604, 46.6934,
48.9230

■ 8.7363, 8.0050,
8.1301

■ 65.2882, 64.0528,
67.3713

■ 4.6253, 4.0981,
4.0894

■ 86.3554, 85.2558,
89.9568

■ 2.0616, 1.7286,
1.6745

111.5275,
110.6870, 117.0980

■ 0.6682, 0.4421,
0.3432

141.1697,
140.7306, 149.2134

■ 0.0000, 0.0000,
0.0000

175.6474,

175.7710, 186.7216

215.3259,
216.1928, 230.0411

■ 23.0616, 21.9682,
22.7635

■ 23.0616, 21.9682,
22.7635

■ 20.5762, 18.2558,
18.0548

■ 25.9353, 26.2815,
28.1421

■ 18.4605, 15.1148,
13.9884

■ 29.2111, 31.2177,
34.2141

■ 16.6975, 12.5178,
10.5368

■ 32.9042, 36.8010,
41.0033

■ 15.2678, 10.4337,
7.6700

■ 37.0288, 43.0539,
48.5323

■ 14.1502, 8.8284,
5.3553

■ 41.5981, 49.9975,
56.8223

■ 13.3211, 7.6638,
3.5571

■ 46.6249, 57.6520,
65.8941

■ 12.7533, 6.8958,
2.2352

■ 52.1215, 66.0369,
75.7673

■ 12.4057, 6.4530,
1.3405

■ 58.0996, 75.1708,
86.4610

■ 12.3199, 6.3388,
1.1356

■ 64.1853, 84.3009,
97.8652

Harmonies

Analogous

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



22.9789, 21.9682, 25.9792



23.0616, 21.9682, 22.7635



22.5443, 21.9682, 20.1039

Triad

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



23.0616, 21.9682, 22.7635



19.5014, 21.9682, 19.5690



20.1885, 21.9682, 30.2245

Complementary

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



23.0616, 21.9682, 22.7635



23.8700, 27.4356, 30.8269

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.



19.2999, 21.9682, 28.1900



23.0616, 21.9682, 22.7635



18.9131, 21.9682, 21.9719

Square

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



23.0616, 21.9682, 22.7635



20.4724, 21.9682, 18.3722



18.8407, 21.9682, 25.1143



21.2932, 21.9682, 30.4845

Rectangle

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



23.0616, 21.9682, 22.7635



21.9392, 21.9682, 18.9297



18.8407, 21.9682, 25.1143



19.8557, 21.9682, 29.7174

Sweetspot

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



23.0622, 21.9692, 22.7640



46.7428, 47.8488, 51.4814



24.0473, 22.2946, 31.0530



10.5899, 10.8017, 11.6024



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.



23.0622, 21.9692, 22.7640



39.0760, 36.3457, 37.1173



24.0624, 24.2746, 22.1574



5.8274, 5.8260, 6.1973



10.5291, 5.4167, 1.0010



0.1344, 0.0685, 0.0413

Inverse Universe

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



23.0622, 21.9692, 22.7640



39.0760, 36.3457, 37.1173



22.7230, 24.7669, 31.6000



5.8274, 5.8260, 6.1973



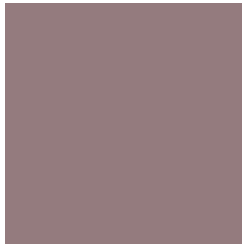
10.5291, 5.4167, 1.0010



0.1344, 0.0685, 0.0413

Previews

White Background



This preview shows how the XYZ color 23.0616, 21.9682, 22.7635 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 23.0616, 21.9682, 22.7635 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 23.0616, 21.9682, 22.7635

Background



This preview shows how black text looks on a background with the XYZ color 23.0616, 21.9682, 22.7635.



This preview shows how white text looks on a background with the XYZ color 23.0616, 21.9682,

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

23.0616, 21.9682, 22.7635

Protanopia

21.1728, 22.1108, 23.9208

Deuteranopia

22.4272, 22.0132, 22.8056



Tritanopia

23.5188, 21.9746, 24.8317

Trichromacy



Original Color

23.0616, 21.9682, 22.7635

Protanomaly

21.8022, 22.0556, 23.5301

Deuteranomaly

22.6506, 21.9414, 22.7800

Tritanomaly

23.3832, 21.9203, 24.1177

Monochromacy



Original Color

23.0616, 21.9682, 22.7635

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.9981, 22.3417, 23.9218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0616, 21.9682, 22.7635 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(148, 123, 126) looks like.

```
.text, #text, p{  
    color:rgb(148, 123, 126)  
}
```

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(148, 123, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 123, 126) }
```

Border

The CSS property to change the border of an element to XYZ 23.0616, 21.9682, 22.7635 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(148, 123, 126) }
```


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

```
.border{ border-color:rgb(148, 123, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 123, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 123, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 123, 126);  
box-shadow:4px 4px 4px 4px rgb(148, 123,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0616, 21.9682, 22.7635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 123, 126) }
```

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

```
.background{ background-color: rgb(148,  
123, 126) }
```

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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