

Converting Colors

XYZ(23.1393, 22.5892, 22.9839)

Have a look what the booklet for
XYZ(23.1393, 22.5892, 22.9839)
contains.

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Color

**XYZ(23.0808, 22.5391,
22.8726)**

Conversions

Conversions Part 1

Format	Color
Hex	927E7E
RGB	146, 126, 126
RGB Percent	57%, 49%, 49%
CMY	0.4274, 0.5059, 0.5059
CMYK	0.00, 0.14, 0.14, 0.43
HSL	0°, 8%, 53%
HSV	0°, 14%, 57%
XYZ	23.0808, 22.5391, 22.8726
YIQ	131.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

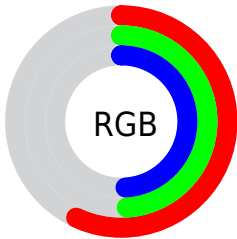
Format	Color
RYB	146, 126, 126
Decimal	9600638
CIELab	54.59, 7.66, 2.82
CIElCh	55, 8.160, 20.244
Yxy	22.5391, 0.3370, 0.3291
Android (android.graphics.Color)	4287790718 (0xFF927E7E)
YUV	131.9800, -2.9481, 12.2955
Hunter-Lab	47.4754, 3.6983, 4.6681

Details

The XYZ color **23.0808, 22.5391, 22.8726** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0711, 27.0680, 31.1502**, and the grayscale version is **21.9327, 23.0749, 25.1286**.

A 20% lighter version of the original color is **48.0762, 47.7742, 49.3353**, and **8.7127, 8.2765, 8.1595** is the 20% darker color. If you saturate the color by 10%, you get **20.4743, 18.7253, 17.6901**, and if you desaturate by 10%, it is **26.0984, 26.9547, 28.8711**.

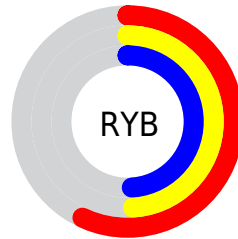
Distribution



Red (57%)

Green (49%)

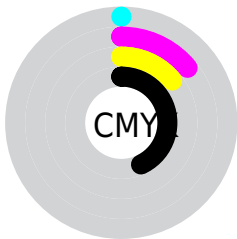
Blue (49%)



Red (57%)

Yellow (49%)

Blue (49%)

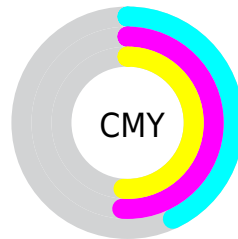


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (43%)



Cyan (43%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0808, 22.5391, 22.8726 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 23.0808, 22.5391, 22.8726 by changing the saturation by 10% instead.

■ 23.0808, 22.5391,
22.8726

■ 23.0808, 22.5391,
22.8726

260.6673,
265.3488, 280.1706

■ 14.7742, 14.2536,
14.2950

■ 47.9916, 47.6354,
49.1046

■ 8.7464, 8.2972,
8.1851

■ 65.3266, 65.2150,
67.5961

■ 4.6319, 4.2857,
4.1241

■ 86.4017, 86.6613,
90.2294

■ 2.0655, 1.8346,
1.6937

111.5824,
112.3589, 117.4229

■ 0.6703, 0.5086,
0.3564

141.2339,
142.6920, 149.5953

■ 0.0000, 0.0000,
0.0000

175.7217,

178.0451, 187.1650

215.4110,
218.8026, 230.5506

■ 23.0808, 22.5391,
22.8726

■ 23.0808, 22.5391,
22.8726

■ 20.4743, 18.7253,
17.6901

■ 26.0984, 26.9547,
28.8711

■ 18.2595, 15.4844,
13.2870

■ 29.5420, 31.9935,
35.7172

■ 16.4180, 12.7897,
9.6261

■ 33.4277, 37.6793,
43.4425

■ 14.9291, 10.6111,
6.6664

■ 37.7706, 44.0339,
52.0767

■ 13.7705, 8.9156,
4.3633

■ 42.5848, 51.0781,
61.6480

■ 12.9170, 7.6666,
2.6668

■ 47.8839, 58.8318,
72.1834

■ 12.3399, 6.8220,
1.5197

■ 53.6809, 67.3141,
83.7089

■ 12.0046, 6.3314,
0.8536

■ 59.9884, 76.5433,
96.2492

■ 11.8544, 6.1115,
0.5548

■ 65.6641, 84.8510,
107.5248

Harmonies

Analogous

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



23.1666, 22.5391, 25.3872



23.0808, 22.5391, 22.8726



22.5440, 22.5391, 20.9388

Triad

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



23.0808, 22.5391, 22.8726



20.1249, 22.5391, 21.5180



21.1320, 22.5391, 29.7344

Complementary

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



23.0808, 22.5391, 22.8726



24.0711, 27.0680, 31.1502

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.



20.3393, 22.5391, 28.5349



23.0808, 22.5391, 22.8726



19.7687, 22.5391, 23.7143

Square

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



23.0808, 22.5391, 22.8726



20.8319, 22.5391, 20.1954



19.8460, 22.5391, 26.2891



22.0247, 22.5391, 29.4697

Rectangle

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



23.0808, 22.5391, 22.8726



22.0106, 22.5391, 20.1827



19.8460, 22.5391, 26.2891



20.8454, 22.5391, 29.4860

Sweetspot

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



23.0814, 22.5401, 22.8731



45.8231, 47.2330, 50.4996



24.5034, 23.1083, 30.3632



10.1072, 10.3808, 11.0620



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.



23.0814, 22.5401, 22.8731



39.4418, 37.8956, 37.8133



24.4243, 25.2259, 23.3207



5.8009, 5.8155, 6.0572



10.4319, 5.3782, 0.4883



0.1277, 0.0659, 0.0060

Inverse Universe

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



24.0711, 27.0680, 31.1502



41.4856, 47.2461, 54.9064



22.5969, 24.1195, 30.6588



5.9641, 6.5621, 7.4220



13.6082, 19.9112, 27.0571



0.1666, 0.2437, 0.3312

Previews

White Background



This preview shows how the XYZ color 23.0808, 22.5391, 22.8726 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 23.0808, 22.5391, 22.8726 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 23.0808, 22.5391, 22.8726

Background



This preview shows how black text looks on a background with the XYZ color 23.0808, 22.5391, 22.8726.



This preview shows how white text looks on a background with the XYZ color 23.0808, 22.5391,

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

23.0808, 22.5391, 22.8726

Protanopia

21.7104, 22.5921, 23.6385

Deuteranopia

22.9038, 22.4478, 22.8644



Tritanopia

23.6693, 22.5915, 25.6673

Trichromacy



Original Color

23.0808, 22.5391, 22.8726

Protanomaly

22.1623, 22.6361, 23.2798

Deuteranomaly

22.9038, 22.4478, 22.8644

Tritanomaly

23.4630, 22.5090, 24.5808

Monochromacy



Original Color

23.0808, 22.5391, 22.8726

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3284, 22.8953, 24.3615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0808, 22.5391, 22.8726 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(146, 126, 126) looks like.

```
.text, #text, p{  
    color:rgb(146, 126, 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(146, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 126, 126) }
```

Border

The CSS property to change the border of an element to XYZ 23.0808, 22.5391, 22.8726 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(146, 126, 126) }
```


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

```
.border{ border-color:rgb(146, 126, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 126, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 126, 126);  
box-shadow:4px 4px 4px 4px rgb(146, 126,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0808, 22.5391, 22.8726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 126, 126) }
```

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

```
.background{ background-color: rgb(146,  
126, 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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