

Converting Colors

XYZ(23.8579, 22.3935, 22.1337)

Have a look what the booklet for
XYZ(23.8579, 22.3935, 22.1337)
contains.

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Color

**XYZ(23.8579, 22.3935,
22.1337)**

Conversions

Conversions Part 1

Format	Color
Hex	997B7C
RGB	153, 123, 124
RGB Percent	60%, 48%, 49%
CMY	0.4000, 0.5176, 0.5137
CMYK	0.00, 0.20, 0.19, 0.40
HSL	358°, 13%, 54%
HSV	358°, 20%, 60%
XYZ	23.8579, 22.3935, 22.1337
YIQ	132.0840, 17.5590, 6.6710

Conversions

Conversions Part 2

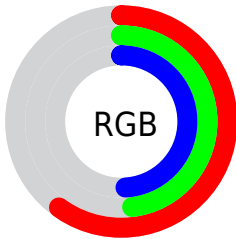
Format	Color
R_{YB}	153, 123, 124
Decimal	10058620
CIE _{Lab}	54.44, 11.78, 3.86
CIE _{LCh}	54, 12.390, 18.129
Yxy	22.3935, 0.3489, 0.3275
Android (android.graphics.Color)	4288248700 (0xFF997B7C)
YUV	132.0840, -3.9854, 18.3433
Hunter-Lab	47.3218, 7.1800, 5.3937

Details

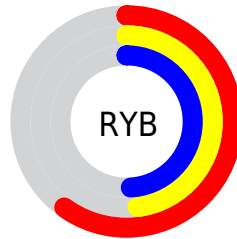
The XYZ color **23.8579, 22.3935, 22.1337** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.2280, 29.2609, 34.0255**, and the grayscale version is **21.9724, 23.1167, 25.1741**.

A 20% lighter version of the original color is **49.3742, 47.5952, 47.6588**, and **9.0856, 8.1723, 7.7552** is the 20% darker color. If you saturate the color by 10%, you get **21.2399, 18.5438, 16.9870**, and if you desaturate by 10%, it is **26.9141, 26.8947, 28.1193**.

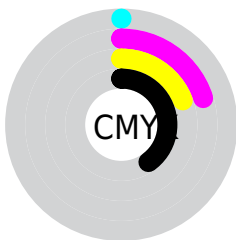
Distribution



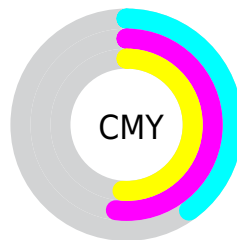
- Red (60%)
- Green (48%)
- Blue (49%)



- Red (60%)
- Yellow (48%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (40%)



- Cyan (40%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8579, 22.3935, 22.1337 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 23.8579, 22.3935, 22.1337 by changing the saturation by 10% instead.

■ 23.8579, 22.3935,
22.1337

■ 23.8579, 22.3935,
22.1337

264.5551,
264.5944, 276.2199

■ 15.3524, 14.1463,
13.7559

■ 49.2546, 47.3955,
47.8719

■ 9.1550, 8.2225,
7.8143

■ 66.8765, 64.9191,
66.0694

■ 4.9003, 4.2377,
3.8903

■ 88.2679, 86.3037,
88.3772

■ 2.2231, 1.8074,
1.5653

113.7942,
111.9336, 115.2139

■ 0.7549, 0.4918,
0.2659

143.8207,
142.1932, 146.9979

■ 0.0000, 0.0000,
0.0000

178.7128,

177.4670, 184.1479

218.8358,
218.1392, 227.0824

■ 23.8579, 22.3935,
22.1337

■ 23.8579, 22.3935,
22.1337

■ 21.2399, 18.5438,
16.9870

■ 26.9141, 26.8947,
28.1193

■ 19.0383, 15.3125,
12.6404

■ 30.4254, 32.0723,
34.9775

■ 17.2323, 12.6683,
9.0542

■ 34.4100, 37.9538,
42.7418

■ 15.7982, 10.5760,
6.1846

■ 38.8845, 44.5641,
51.4434

■ 14.7104, 8.9966,
3.9837

■ 43.8648, 51.9269,
61.1122

■ 13.9394, 7.8858,
2.3972

■ 49.3661, 60.0650,
71.7767

■ 13.4512, 7.1922,
1.3628

■ 55.4028, 69.0000,
83.4642

■ 13.1745, 6.7979,
0.7805

■ 61.9889, 78.7529,
96.2011

■ 13.1648, 6.7835,
0.7615

■ 66.9469, 85.5123,
107.5848

Harmonies

Analogous

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



23.9374, 22.3935, 25.9502



23.8579, 22.3935, 22.1337



23.0713, 22.3935, 19.2374

Triad

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



23.8579, 22.3935, 22.1337



19.4024, 22.3935, 19.7334



20.7528, 22.3935, 32.4387

Complementary

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



23.8579, 22.3935, 22.1337



25.2280, 29.2609, 34.0255

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.



19.5921, 22.3935, 30.3723



23.8579, 22.3935, 22.1337



18.8349, 22.3935, 22.8796

Square

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



23.8579, 22.3935, 22.1337



20.4838, 22.3935, 17.9562



18.9029, 22.3935, 26.7791



22.1054, 22.3935, 32.1844

Rectangle

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



23.8579, 22.3935, 22.1337



22.2698, 22.3935, 18.0925



18.9029, 22.3935, 26.7791



20.3284, 22.3935, 31.9842

Sweetspot

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



23.8585, 22.3945, 22.1342



50.2983, 51.2581, 54.4603



25.7822, 23.1423, 33.2451



11.0279, 11.2026, 11.8721



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.



23.8585, 22.3945, 22.1342



40.3488, 36.6061, 34.9680



25.6583, 26.0945, 22.4246



6.2167, 6.2258, 6.5213



10.8829, 5.6074, 0.6426



0.1646, 0.0846, 0.0198

Inverse Universe

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



23.8585, 22.3945, 22.1342



40.3488, 36.6061, 34.9680



23.1517, 24.9770, 33.7379



6.2167, 6.2258, 6.5213



10.8829, 5.6074, 0.6426



0.1646, 0.0846, 0.0198

Previews

White Background



This preview shows how the XYZ color 23.8579, 22.3935, 22.1337 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 23.8579, 22.3935, 22.1337 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 23.8579, 22.3935, 22.1337

Background



This preview shows how black text looks on a background with the XYZ color 23.8579, 22.3935, 22.1337.



This preview shows how white text looks on a background with the XYZ color 23.8579, 22.3935,

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

23.8579, 22.3935, 22.1337

Protanopia

21.5518, 22.5103, 23.6311

Deuteranopia

22.8901, 22.4628, 21.8682



Tritanopia

24.3827, 22.4278, 24.5166

Trichromacy



Original Color

23.8579, 22.3935, 22.1337

Protanomaly

22.2354, 22.2865, 23.2085

Deuteranomaly

23.3032, 22.4869, 21.8511

Tritanomaly

24.1822, 22.3476, 23.4611

Monochromacy



Original Color

23.8579, 22.3935, 22.1337

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6279, 22.8609, 23.9889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8579, 22.3935, 22.1337 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(153, 123, 124) looks like.

```
.text, #text, p{  
    color:rgb(153, 123, 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(153, 123, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 123, 124) }
```

Border

The CSS property to change the border of an element to XYZ 23.8579, 22.3935, 22.1337 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(153, 123, 124) }
```


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

```
.border{ border-color:rgb(153, 123, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 123, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 123, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 123, 124);  
box-shadow:4px 4px 4px 4px rgb(153, 123,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8579, 22.3935, 22.1337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 123, 124) }
```

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

```
.background{ background-color: rgb(153,  
123, 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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