

Converting Colors

XYZ(23.1787, 22.1784, 20.1992)

Have a look what the booklet for
XYZ(23.1787, 22.1784, 20.1992)
contains.

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Color

**XYZ(23.2402, 22.3026,
20.2195)**

Conversions

Conversions Part 1

Format	Color
Hex	977C76
RGB	151, 124, 118
RGB Percent	59%, 49%, 46%
CMY	0.4078, 0.5137, 0.5373
CMYK	0.00, 0.18, 0.22, 0.41
HSL	11°, 14%, 53%
HSV	11°, 22%, 59%
XYZ	23.2402, 22.3026, 20.2195
YIQ	131.3890, 18.0180, 3.8580

Conversions

Conversions Part 2

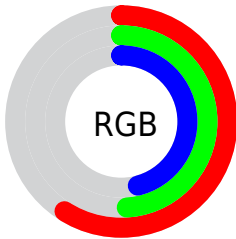
Format	Color
R_{YB}	151, 125, 118
Decimal	9927798
CIE _{Lab}	54.35, 9.44, 7.18
CIE _{LCh}	54, 11.863, 37.268
Yxy	22.3026, 0.3534, 0.3391
Android (android.graphics.Color)	4288117878 (0xFF977C76)
YUV	131.3890, -6.6008, 17.1988
Hunter-Lab	47.2256, 5.1968, 7.6731

Details

The XYZ color **23.2402, 22.3026, 20.2195** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.1824, 26.3362, 33.1400**, and the grayscale version is **21.7314, 22.8631, 24.8979**.

A 20% lighter version of the original color is **48.4314, 47.4684, 44.6399**, and **8.8771, 8.1837, 6.9061** is the 20% darker color. If you saturate the color by 10%, you get **20.9615, 19.0680, 15.3816**, and if you desaturate by 10%, it is **25.8578, 25.9847, 25.8796**.

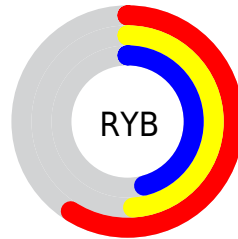
Distribution



Red (59%)

Green (49%)

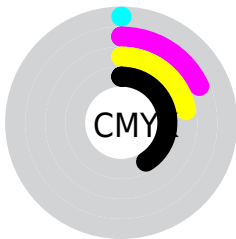
Blue (46%)



Red (59%)

Yellow (49%)

Blue (46%)

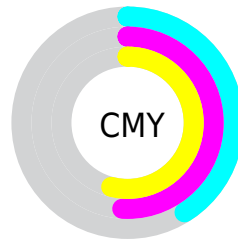


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (41%)



Cyan (41%)

Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2402, 22.3026, 20.2195 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 23.2402, 22.3026, 20.2195 by changing the saturation by 10% instead.

■ 23.2402, 22.3026,
20.2195

■ 23.2402, 22.3026,
20.2195

261.4687,
264.1225, 265.7444

■ 14.8926, 14.0794,
12.3690

■ 48.2512, 47.2456,
44.6487

■ 8.8299, 8.1759,
6.8700

■ 65.6453, 64.7342,
62.0645

■ 4.6866, 4.2077,
3.3037

■ 86.7857, 86.0801,
83.5058

■ 2.0974, 1.7904,
1.2517

112.0377,
111.6677, 109.3912

■ 0.6878, 0.4812,
0.0217

141.7666,
141.8813, 140.1392

■ 0.0000, 0.0000,
0.0000

176.3379,

177.1054, 176.1684

216.1168,
217.7243, 217.8973

■ 23.2402, 22.3026,
20.2195

■ 23.2402, 22.3026,
20.2195

■ 20.9615, 19.0680,
15.3816

■ 25.8578, 25.9847,
25.8796

■ 19.0059, 16.2607,
11.3262

■ 28.8255, 30.1272,
32.3964

■ 17.3589, 13.8637,
8.0125

■ 32.1565, 34.7466,
39.8039

■ 16.0046, 11.8575,
5.3951

■ 35.8626, 39.8572,
48.1341

■ 14.9251, 10.2212,
3.4240

■ 39.9549, 45.4732,
57.4172

■ 14.1007, 8.9316,
2.0422

■ 44.4444, 51.6079,
67.6821

■ 13.5090, 7.9630,
1.1826

■ 49.3413, 58.2742,
78.9564

■ 13.1653, 7.3848,
0.7315

■ 54.6557, 65.4845,
91.2668

■ 60.3973, 73.2509,
104.6389

Harmonies

Analogous

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



23.7630, 22.3026, 23.3934



23.2402, 22.3026, 20.2195



22.1740, 22.3026, 18.2869

Triad

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



23.2402, 22.3026, 20.2195



18.9850, 22.3026, 21.6331



21.5143, 22.3026, 32.0598

Complementary

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



23.2402, 22.3026, 20.2195



23.1824, 26.3362, 33.1400

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.



20.2510, 22.3026, 31.4663



23.2402, 22.3026, 20.2195



18.8245, 22.3026, 25.1964

Square

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



23.2402, 22.3026, 20.2195



19.7268, 22.3026, 19.0432



19.2790, 22.3026, 28.8591



22.7405, 22.3026, 30.4070

Rectangle

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



23.2402, 22.3026, 20.2195



21.3168, 22.3026, 17.8391



19.2790, 22.3026, 28.8591



21.0796, 22.3026, 32.1190

Sweetspot

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



23.2408, 22.3036, 20.2200



48.7334, 49.9274, 51.6532



24.3907, 21.5963, 29.8739



11.0138, 11.2603, 11.6026



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.



23.2408, 22.3036, 20.2200



39.6424, 37.1412, 31.9887



25.4109, 26.6438, 20.9433



6.2952, 6.3955, 6.5085



11.2161, 6.3145, 0.6277



0.1875, 0.1340, 0.0160

Inverse Universe

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



23.1824, 26.3362, 33.1400



39.5174, 45.6162, 59.1557



20.9077, 21.7868, 32.3818



6.2890, 6.8354, 7.9169



10.8531, 14.1028, 27.0578



0.1843, 0.2549, 0.4119

Previews

White Background



This preview shows how the XYZ color 23.2402, 22.3026, 20.2195 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 23.2402, 22.3026, 20.2195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

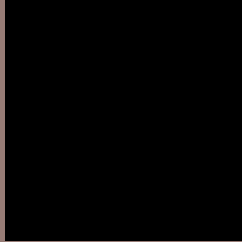
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2402, 22.3026, 20.2195

Background



This preview shows how black text looks on a background with the XYZ color 23.2402, 22.3026, 20.2195.



This preview shows how white text looks on a background with the XYZ color 23.2402, 22.3026,

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

23.2402, 22.3026, 20.2195

Protanopia

21.4255, 22.4966, 21.3022

Deuteranopia

22.6363, 22.1783, 20.2273



Tritanopia

24.1931, 22.3301, 24.5077

Trichromacy



Original Color

23.2402, 22.3026, 20.2195

Protanomaly

22.0938, 22.4571, 20.9395

Deuteranomaly

22.8164, 22.2711, 20.2357

Tritanomaly

23.7977, 22.3477, 22.7979

Monochromacy



Original Color

23.2402, 22.3026, 20.2195

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.9663, 22.3480, 22.8945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2402, 22.3026, 20.2195 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, 124, 118)` looks like.

```
.text, #text, p{  
    color:rgb(151, 124, 118)  
}
```

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, 124, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 124, 118) }
```

Border

The CSS property to change the border of an element to XYZ 23.2402, 22.3026, 20.2195 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, 124, 118) }
```


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

```
.border{ border-color:rgb(151, 124, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 124, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 124, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 124, 118);  
box-shadow:4px 4px 4px 4px rgb(151, 124,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2402, 22.3026, 20.2195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 124, 118) }
```

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

```
.background{ background-color: rgb(151,  
124, 118) }
```

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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