

Converting Colors

XYZ(23.1488, 21.1404, 22.3849)

Have a look what the booklet for
XYZ(23.1488, 21.1404, 22.3849)
contains.

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Color

**XYZ(23.1290, 21.1129,
22.2582)**

Conversions

Conversions Part 1

Format	Color
Hex	98767D
RGB	152, 118, 125
RGB Percent	60%, 46%, 49%
CMY	0.4039, 0.5372, 0.5098
CMYK	0.00, 0.22, 0.18, 0.40
HSL	348°, 14%, 53%
HSV	348°, 22%, 60%
XYZ	23.1290, 21.1129, 22.2582
YIQ	128.9640, 18.0170, 9.3850

Conversions

Conversions Part 2

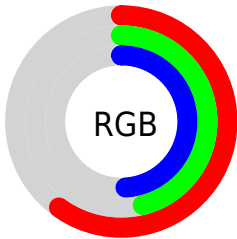
Format	Color
R_{YB}	152, 118, 125
Decimal	9991805
CIE _{Lab}	53.07, 14.43, 1.27
CIE _{LCh}	53, 14.488, 5.047
Yxy	21.1129, 0.3478, 0.3175
Android (android.graphics.Color)	4288181885 (0xFF98767D)
YUV	128.9640, -1.9543, 20.2026
Hunter-Lab	45.9488, 9.4403, 3.4433

Details

The XYZ color **23.1290, 21.1129, 22.2582** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.8111, 28.3529, 31.0071**, and the grayscale version is **20.8563, 21.9425, 23.8953**.

A 20% lighter version of the original color is **48.1427, 45.2292, 48.3122**, and **8.6882, 7.4874, 7.8248** is the 20% darker color. If you saturate the color by 10%, you get **20.7564, 17.5276, 17.8911**, and if you desaturate by 10%, it is **25.8850, 25.3146, 27.2161**.

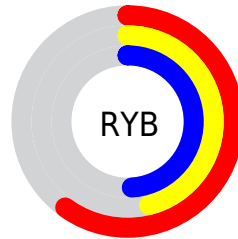
Distribution



Red (60%)

Green (46%)

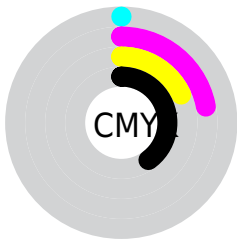
Blue (49%)



Red (60%)

Yellow (46%)

Blue (49%)

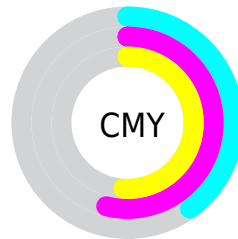


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (40%)



Cyan (40%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1290, 21.1129, 22.2582 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 23.1290, 21.1129, 22.2582 by changing the saturation by 10% instead.

■ 23.1290, 21.1129,
22.2582

■ 23.1290, 21.1129,
22.2582

260.9099,
257.8779, 276.8891

■ 14.8100, 13.2066,
13.8466

■ 48.0702, 45.2754,
48.0800

■ 8.7716, 7.5709,
7.8765

■ 65.4230, 62.3003,
66.3273

■ 4.6484, 3.8216,
3.9294

■ 86.5179, 83.1335,
88.6903

■ 2.0751, 1.5743,
1.5867

111.7202,
108.1594, 115.5875

■ 0.6756, 0.3402,
0.2813

141.3951,
137.7624, 147.4374

■ 0.0000, 0.0000,
0.0000

175.9081,

172.3269, 184.6586

215.6246,
212.2372, 227.6697

■ 23.1290, 21.1129,
22.2582

■ 23.1290, 21.1129,
22.2582

■ 20.7564, 17.5276,
17.8911

■ 25.8850, 25.3146,
27.2161

■ 18.7483, 14.5268,
14.0912

■ 29.0387, 30.1567,
32.7844

■ 17.0867, 12.0802,
10.8353

■ 32.6057, 35.6656,
38.9836


■ 15.7517, 10.1537,
8.0981


■ 36.6005, 41.8653,
45.8328


■ 14.7209, 8.7091,
5.8521


■ 41.0366, 48.7787,
53.3502


 13.9692, 7.7034,
4.0673


 45.9270, 56.4275,
61.5532

 13.4673, 7.0855,
2.7102

 51.2843, 64.8326,
70.4589

 13.2001, 6.7759,
1.9282

 57.1204, 74.0139,
80.0835

 63.4469, 83.9907,
90.4427

Harmonies

Analogous

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



22.8421, 21.1129, 26.7126



23.1290, 21.1129, 22.2582



22.5623, 21.1129, 18.4993

Triad

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



23.1290, 21.1129, 22.2582



18.4315, 21.1129, 16.7812



18.8565, 21.1129, 31.4647

Complementary

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



23.1290, 21.1129, 22.2582



23.8111, 28.3529, 31.0071

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.



17.7632, 21.1129, 28.1505



23.1290, 21.1129, 22.2582



17.5266, 21.1129, 19.6275

Square

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



23.1290, 21.1129, 22.2582



19.8106, 21.1129, 15.6030



17.2882, 21.1129, 23.7343



20.3260, 21.1129, 32.3992

Rectangle

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



23.1290, 21.1129, 22.2582



21.7927, 21.1129, 16.7748



17.2882, 21.1129, 23.7343



18.4352, 21.1129, 30.5732

Sweetspot

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



23.1296, 21.1139, 22.2586



48.5112, 49.0084, 53.0425



23.7592, 21.2113, 32.5480



10.9600, 11.0376, 11.9393



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.



23.1296, 21.1139, 22.2586



38.5823, 33.8699, 35.1838



23.8910, 23.3271, 20.3840



6.2582, 6.2424, 6.7399



11.0775, 5.6852, 1.6673



0.1767, 0.0894, 0.0833

Inverse Universe

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



23.1296, 21.1139, 22.2586



38.5823, 33.8699, 35.1838



22.8671, 25.5746, 33.4372



6.2582, 6.2424, 6.7399



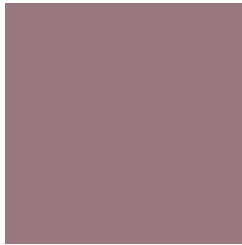
11.0775, 5.6852, 1.6673



0.1767, 0.0894, 0.0833

Previews

White Background



This preview shows how the XYZ color 23.1290, 21.1129, 22.2582 looks on a white background.

Color Contrast Check

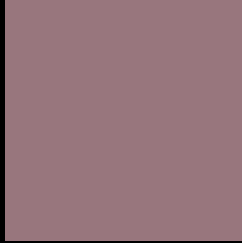
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1290, 21.1129, 22.2582 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 23.1290, 21.1129, 22.2582

Background



This preview shows how black text looks on a background with the XYZ color 23.1290, 21.1129, 22.2582.



This preview shows how white text looks on a background with the XYZ color 23.1290, 21.1129,

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

23.1290, 21.1129, 22.2582

Protanopia

20.3922, 21.1226, 24.1214

Deuteranopia

21.5363, 21.1966, 22.0251



Tritanopia

23.2581, 21.1646, 22.9380

Trichromacy



Original Color

23.1290, 21.1129, 22.2582

Protanomaly

21.2958, 21.0428, 23.3613

Deuteranomaly

21.9771, 21.0593, 21.9753

Tritanomaly

23.1932, 21.1386, 22.5964

Monochromacy



Original Color

23.1290, 21.1129, 22.2582

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.5464, 21.5441, 23.4449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1290, 21.1129, 22.2582 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(152, 118, 125)` looks like.

```
.text, #text, p{  
    color:rgb(152, 118, 125)  
}
```

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(152, 118, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 118, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.1290, 21.1129, 22.2582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

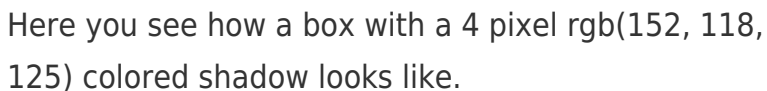
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 118, 125) }
```


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

```
.border{ border-color:rgb(152, 118, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(152, 118, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 118, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 118, 125); box-shadow:4px 4px 4px 4px rgb(152, 118, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1290, 21.1129, 22.2582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 118, 125) }
```

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

```
.background{ background-color: rgb(152,  
118, 125) }
```

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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