

Converting Colors

XYZ(22.9771, 21.8436, 19.2101)

Have a look what the booklet for
XYZ(22.9771, 21.8436, 19.2101)
contains.

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Color

**XYZ(23.0029, 21.8323,
19.2213)**

Conversions

Conversions Part 1

Format	Color
Hex	987A73
RGB	152, 122, 115
RGB Percent	60%, 48%, 45%
CMY	0.4039, 0.5216, 0.5490
CMYK	0.00, 0.20, 0.24, 0.40
HSL	11°, 15%, 52%
HSV	11°, 24%, 60%
XYZ	23.0029, 21.8323, 19.2213
YIQ	130.1720, 20.1270, 4.1830

Conversions

Conversions Part 2

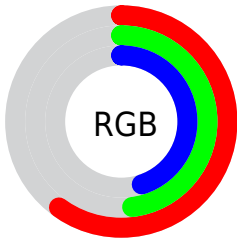
Format	Color
R_{YB}	152, 124, 115
Decimal	9992819
CIE _{Lab}	53.85, 10.52, 8.23
CIE _{LCh}	54, 13.359, 38.053
Yxy	21.8323, 0.3591, 0.3408
Android (android.graphics.Color)	4288182899 (0xFF987A73)
YUV	130.1720, -7.4798, 19.1432
Hunter-Lab	46.7250, 6.1073, 8.3174

Details

The XYZ color **23.0029, 21.8323, 19.2213** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.8627, 26.1617, 33.5505**, and the grayscale version is **21.3001, 22.4094, 24.4038**.

A 20% lighter version of the original color is **47.8432, 46.3275, 42.9797**, and **8.6512, 7.8797, 6.3751** is the 20% darker color. If you saturate the color by 10%, you get **20.7811, 18.6748, 14.5154**, and if you desaturate by 10%, it is **25.5620, 25.4332, 24.7517**.

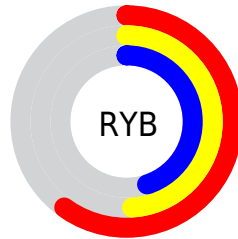
Distribution



Red (60%)

Green (48%)

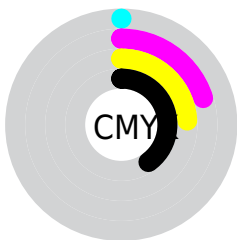
Blue (45%)



Red (60%)

Yellow (49%)

Blue (45%)

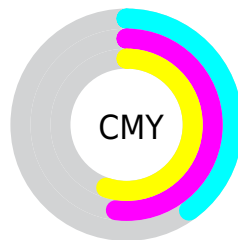


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (40%)



Cyan (40%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0029, 21.8323, 19.2213 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 23.0029, 21.8323, 19.2213 by changing the saturation by 10% instead.

■ 23.0029, 21.8323,
19.2213

■ 23.0029, 21.8323,
19.2213

260.2749,
261.6693, 260.1311

■ 14.7164, 13.7337,
11.6519

■ 47.8647, 46.4687,
42.9494

■ 8.7056, 7.9357,
6.3874

■ 65.1707, 63.7753,
59.9451

■ 4.6052, 4.0538,
3.0095

■ 86.2139, 84.9200,
80.9200

■ 2.0499, 1.7037,
1.0995

111.3596,
110.2872, 106.2926

■ 0.6618, 0.4261,
0.0000

140.9732,
140.2614, 136.4815

■ 0.0000, 0.0000,
0.0000

175.4200,

175.2268, 171.9052

215.0655,
215.5680, 212.9822

■ 23.0029, 21.8323,
19.2213

■ 23.0029, 21.8323,
19.2213

■ 20.7811, 18.6748,
14.5154

■ 25.5620, 25.4332,
24.7517

■ 18.8806, 15.9407,
10.5932

■ 28.4701, 29.4908,
31.1422

■ 17.2868, 13.6126,
7.4121

■ 31.7402, 34.0215,
38.4279

■ 15.9832, 11.6710,
4.9251

■ 35.3845, 39.0398,
46.6415

■ 14.9515, 10.0946,
3.0800

■ 39.4143, 44.5598,
55.8142

■ 14.1714, 8.8599,
1.8165

■ 43.8406, 50.5949,
65.9757

■ 13.6192, 7.9405,
1.0619

■ 48.6739, 57.1581,
77.1542

■ 13.3827, 7.5429,
0.7506

■ 53.9243, 64.2618,
89.3770

■ 59.6015, 71.9181,
102.6703

Harmonies

Analogous

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



23.6078, 21.8323, 22.6805



23.0029, 21.8323, 19.2213



21.8005, 21.8323, 17.1632

Triad

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



23.0029, 21.8323, 19.2213



18.2929, 21.8323, 20.9359



21.1403, 21.8323, 32.4962

Complementary

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



23.0029, 21.8323, 19.2213



22.8627, 26.1617, 33.5505

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.



19.7356, 21.8323, 31.8900



23.0029, 21.8323, 19.2213



18.1344, 21.8323, 24.8972

Square

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



23.0029, 21.8323, 19.2213



19.0945, 21.8323, 18.0707



18.6510, 21.8323, 28.9888



22.5006, 21.8323, 30.5609

Rectangle

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



23.0029, 21.8323, 19.2213



20.8449, 21.8323, 16.7096



18.6510, 21.8323, 28.9888



20.6573, 21.8323, 32.5868

Sweetspot

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



23.0035, 21.8333, 19.2218



48.7547, 49.9699, 51.6603



24.2073, 20.9881, 29.6510



11.0190, 11.2706, 11.6043



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.



23.0035, 21.8333, 19.2218



38.4824, 35.5311, 29.4128



25.4630, 26.7524, 20.0416



6.2987, 6.4026, 6.5097



11.2390, 6.3604, 0.6353



0.1885, 0.1361, 0.0163

Inverse Universe

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



22.8627, 26.1617, 33.5505



38.1884, 44.4634, 59.0032



20.2907, 21.0177, 32.6931



6.2852, 6.8277, 7.9156



10.7360, 13.8686, 27.0188



0.1832, 0.2528, 0.4115

Previews

White Background



This preview shows how the XYZ color 23.0029, 21.8323, 19.2213 looks on a white background.

Color Contrast Check

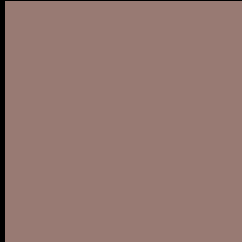
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0029, 21.8323, 19.2213 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 23.0029, 21.8323, 19.2213

Background



This preview shows how black text looks on a background with the XYZ color 23.0029, 21.8323, 19.2213.



This preview shows how white text looks on a background with the XYZ color 23.0029, 21.8323,

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

23.0029, 21.8323, 19.2213

Protanopia

20.8207, 21.8147, 20.2528

Deuteranopia

22.3348, 21.8562, 19.2611



Tritanopia

24.0053, 21.8879, 23.7285

Trichromacy



Original Color

23.0029, 21.8323, 19.2213

Protanomaly

21.6562, 21.8688, 19.9093

Deuteranomaly

22.5719, 21.7933, 19.2365

Tritanomaly

23.6123, 21.9023, 22.0518

Monochromacy



Original Color

23.0029, 21.8323, 19.2213

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.7723, 22.0627, 22.5130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0029, 21.8323, 19.2213 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, 122, 115)` looks like.

```
.text, #text, p{  
    color:rgb(152, 122, 115)  
}
```

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, 122, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 122, 115) }
```

Border

The CSS property to change the border of an element to XYZ 23.0029, 21.8323, 19.2213 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, 122, 115) }
```


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

```
.border{ border-color:rgb(152, 122, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 122, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 122, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 122, 115);  
box-shadow:4px 4px 4px 4px rgb(152, 122,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0029, 21.8323, 19.2213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 122, 115) }
```

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

```
.background{ background-color: rgb(152,  
122, 115) }
```

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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