

Converting Colors

XYZ(23.0295, 19.6457, 17.9866)

Have a look what the booklet for
XYZ(23.0295, 19.6457, 17.9866)
contains.

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Color

**XYZ(23.0912, 19.6842,
17.9116)**

Conversions

Conversions Part 1

Format	Color
Hex	A16D70
RGB	161, 109, 112
RGB Percent	63%, 43%, 44%
CMY	0.3686, 0.5725, 0.5608
CMYK	0.00, 0.32, 0.30, 0.37
HSL	357°, 22%, 53%
HSV	357°, 32%, 63%
XYZ	23.0912, 19.6842, 17.9116
YIQ	124.8900, 30.0290, 11.9570

Conversions

Conversions Part 2

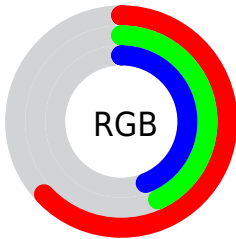
Format	Color
R_{YB}	161, 109, 112
Decimal	10579312
CIE _{Lab}	51.48, 21.13, 6.76
CIE _{LCh}	51, 22.188, 17.727
Yxy	19.6842, 0.3805, 0.3244
Android (android.graphics.Color)	4288769392 (0xFFA16D70)
YUV	124.8900, -6.3548, 31.6685
Hunter-Lab	44.3669, 15.2601, 7.1205

Details

The XYZ color **23.0912, 19.6842, 17.9116** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.2240, 31.2100, 37.0441**, and the grayscale version is **19.4701, 20.4840, 22.3071**.

A 20% lighter version of the original color is **48.0610, 42.9218, 40.8736**, and **8.7785, 6.8958, 5.7188** is the 20% darker color. If you saturate the color by 10%, you get **20.7536, 16.2489, 13.3099**, and if you desaturate by 10%, it is **25.8868, 23.8075, 23.3687**.

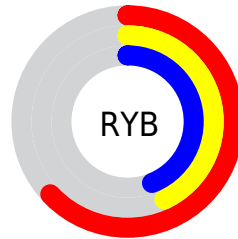
Distribution



Red (63%)

Green (43%)

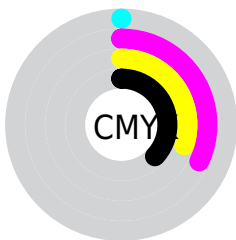
Blue (44%)



Red (63%)

Yellow (43%)

Blue (44%)

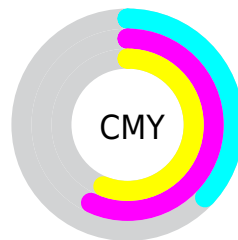


Cyan (0%)

Magenta (32%)

Yellow (30%)

Black (37%)



Cyan (37%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.0912, 19.6842, 17.9116 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 23.0912, 19.6842, 17.9116 by changing the saturation by 10% instead.


 23.0912, 19.6842,
17.9116


 23.0912, 19.6842,
17.9116


260.7197,
250.2003, 252.5917


 14.7819, 12.1657,
10.7178


 48.0086, 42.8871,
40.6985


 8.7518, 6.8566,
5.7656


 65.3474, 59.3403,
57.1287

 4.6355, 3.3726,
2.6366

 86.4268, 79.5404,
77.4747

 2.0675, 1.3292,
0.9113

 111.6121,
103.8720, 102.1552

 0.6715, 0.1637,
0.0000

141.2687,
132.7194, 131.5885

 0.0000, 0.0000,
0.0000

175.7619,

166.4670, 166.1934

215.4571,
205.4992, 206.3882

■ 23.0912, 19.6842,
17.9116

■ 23.0912, 19.6842,
17.9116

■ 20.7536, 16.2489,
13.3099

■ 25.8868, 23.8075,
23.3687

■ 18.8481, 13.4615,
9.5192

■ 29.1614, 28.6505,
29.7204

■ 17.3487, 11.2822,
6.4927


■ 32.9366, 34.2462,
37.0046

■ 16.2258, 9.6656,
4.1786


■ 37.2320, 40.6246,
45.2568

■ 15.4459, 8.5599,
2.5184

■ 42.0664, 47.8145,
54.5108


 14.9694, 7.9040,
1.4445

 47.4577, 55.8428,
64.7985

 14.7488, 7.5974,
0.9555

 53.4227, 64.7355,
76.1506

 59.9777, 74.5171,
88.5965

 67.1383, 85.2115,
102.1642

Harmonies

Analogous

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



23.2128, 19.6842, 24.1465



23.0912, 19.6842, 17.9116



21.7397, 19.6842, 13.5793

Triad

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



23.0912, 19.6842, 17.9116



15.7164, 19.6842, 14.1971



17.8138, 19.6842, 35.7868

Complementary

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



23.0912, 19.6842, 17.9116



25.2240, 31.2100, 37.0441

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.



15.9743, 19.6842, 31.8471



23.0912, 19.6842, 17.9116



14.8295, 19.6842, 18.9304

Square

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



23.0912, 19.6842, 17.9116



17.4356, 19.6842, 11.7458



14.9200, 19.6842, 25.3875



20.0435, 19.6842, 35.3634

Rectangle

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



23.0912, 19.6842, 17.9116



20.3795, 19.6842, 11.9700



14.9200, 19.6842, 25.3875



17.1329, 19.6842, 34.9009

Sweetspot

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



23.0917, 19.6851, 17.9120



53.5749, 53.3089, 55.8352



25.9111, 20.7333, 36.3545



11.5642, 11.4165, 11.8868



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.0917, 19.6851, 17.9120



38.1656, 30.5642, 25.8077



25.6470, 25.0582, 17.9542



7.0896, 7.0923, 7.4580



11.7847, 6.0699, 0.7910



0.2523, 0.1294, 0.0412

Inverse Universe

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



23.0917, 19.6851, 17.9120



38.1656, 30.5642, 25.8077



21.8961, 24.1364, 37.2230



7.0896, 7.0923, 7.4580



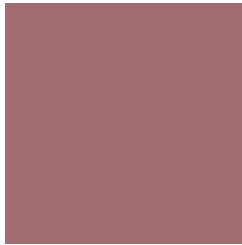
11.7847, 6.0699, 0.7910



0.2523, 0.1294, 0.0412

Previews

White Background



This preview shows how the XYZ color 23.0912, 19.6842, 17.9116 looks on a white background.

Color Contrast Check

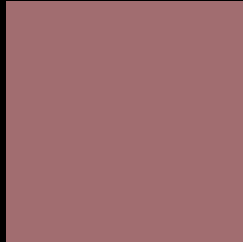
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0912, 19.6842, 17.9116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

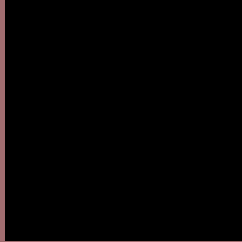
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0912, 19.6842, 17.9116

Background



This preview shows how black text looks on a background with the XYZ color 23.0912, 19.6842, 17.9116.



This preview shows how white text looks on a background with the XYZ color 23.0912, 19.6842,

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

23.0912, 19.6842, 17.9116

Protanopia

18.8935, 19.6866, 20.2569

Deuteranopia

20.2265, 19.8949, 17.5259



Tritanopia

23.2714, 19.5865, 19.3837

Trichromacy



Original Color

23.0912, 19.6842, 17.9116

Protanomaly

20.1611, 19.4725, 19.2190

Deuteranomaly

21.2127, 19.7051, 17.7244

Tritanomaly

23.1550, 19.5400, 18.7708

Monochromacy



Original Color

23.0912, 19.6842, 17.9116

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.4682, 19.9530, 20.5418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0912, 19.6842, 17.9116 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(161, 109, 112)` looks like.

```
.text, #text, p{  
    color:rgb(161, 109, 112)  
}
```

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(161, 109, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 109, 112) }
```

Border

The CSS property to change the border of an element to XYZ 23.0912, 19.6842, 17.9116 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(161, 109, 112) }
```


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

```
.border{ border-color:rgb(161, 109, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 109, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 109, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 109, 112);  
box-shadow:4px 4px 4px 4px rgb(161, 109,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0912, 19.6842, 17.9116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 109, 112) }
```

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

```
.background{ background-color: rgb(161,  
109, 112) }
```

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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