

Converting Colors

XYZ(23.7675, 22.7218, 18.8411)

Have a look what the booklet for
XYZ(23.7675, 22.7218, 18.8411)
contains.

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Color

**XYZ(23.8318, 22.8280,
18.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7D71
RGB	155, 125, 113
RGB Percent	61%, 49%, 44%
CMY	0.3922, 0.5098, 0.5569
CMYK	0.00, 0.19, 0.27, 0.39
HSL	17°, 17%, 53%
HSV	17°, 27%, 61%
XYZ	23.8318, 22.8280, 18.7730
YIQ	132.6020, 21.7320, 2.6280

Conversions

Conversions Part 2

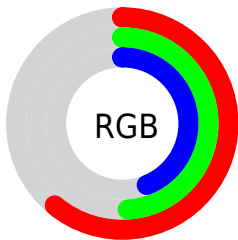
Format	Color
R_{YB}	155, 130, 113
Decimal	10190193
CIE Lab	54.89, 9.71, 10.92
CIE LCh	55, 14.610, 48.353
Yxy	22.8280, 0.3642, 0.3489
Android (android.graphics.Color)	4288380273 (0xFF9B7D71)
YUV	132.6020, -9.6638, 19.6430
Hunter-Lab	47.7787, 5.4224, 10.1491

Details

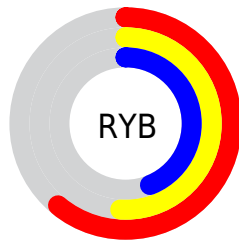
The XYZ color **23.8318, 22.8280, 18.7730** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.5487, 25.5216, 34.7482**, and the grayscale version is **22.1786, 23.3336, 25.4103**.

A 20% lighter version of the original color is **49.2903, 48.2590, 42.3144**, and **9.1321, 8.4341, 6.1477** is the 20% darker color. If you saturate the color by 10%, you get **21.7085, 19.8606, 14.1215**, and if you desaturate by 10%, it is **26.2616, 26.1695, 24.2626**.

Distribution



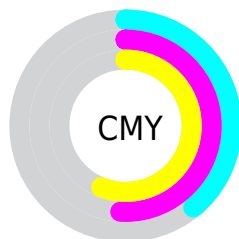
- Red (61%)
- Green (49%)
- Blue (44%)



- Red (61%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (19%)
- Yellow (27%)
- Black (39%)





- Cyan (39%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.8318, 22.8280, 18.7730 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 23.8318, 22.8280, 18.7730 by changing the saturation by 10% instead.


 23.8318, 22.8280,
18.7730


 23.8318, 22.8280,
18.7730


264.4253,
266.8403, 257.5735


 15.3330, 14.4666,
11.3312

 49.2123, 48.1107,
42.1817


 9.1412, 8.4459,
6.1731


 66.8246, 65.8008,
58.9858

 4.8913, 4.3816,
2.8801


 88.2054, 87.3693,
79.7477

 2.2177, 1.8892,
1.0338

 113.7202,
113.2004, 104.8859

 0.7520, 0.5419,
0.0000

143.7342,
143.6787, 134.8191

 0.0000, 0.0000,
0.0000

178.6128,

179.1886, 169.9657

218.7214,
220.1143, 210.7444

■ 23.8318, 22.8280,
18.7730

■ 23.8318, 22.8280,
18.7730

■ 21.7085, 19.8606,
14.1215

■ 26.2616, 26.1695,
24.2626

■ 19.8773, 17.2511,
10.2650

■ 29.0080, 29.8947,
30.6274

■ 18.3250, 14.9863,
7.1589


■ 32.0828, 34.0163,
37.9043


■ 17.0370, 13.0513,
4.7533


■ 35.4967, 38.5460,
46.1273


■ 15.9969, 11.4298,
2.9924


■ 39.2599, 43.4946,
55.3290


 15.1864, 10.1042,
1.8118


 43.3822, 48.8726,
65.5402

 14.5793, 9.0526,
1.1082

 47.8729, 54.6902,
76.7904

 14.4294, 8.7921,
0.9365

 52.7409, 60.9572,
89.1080

 57.9951, 67.6831,
102.5201

Harmonies

Analogous

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



24.7871, 22.8280, 22.1538



23.8318, 22.8280, 18.7730



22.3317, 22.8280, 17.1087

Triad

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



23.8318, 22.8280, 18.7730



18.7899, 22.8280, 23.0996



22.6920, 22.8280, 34.3110

Complementary

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



23.8318, 22.8280, 18.7730



22.5487, 25.5216, 34.7482

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.



21.0751, 22.8280, 34.6466



23.8318, 22.8280, 18.7730



18.8756, 22.8280, 27.7690

Square

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



23.8318, 22.8280, 18.7730



19.4540, 22.8280, 19.3910



19.6943, 22.8280, 32.1283



24.1069, 22.8280, 31.2615

Rectangle

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



23.8318, 22.8280, 18.7730



21.2484, 22.8280, 17.0394



19.6943, 22.8280, 32.1283



22.1525, 22.8280, 34.7577

Sweetspot

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



23.8324, 22.8291, 18.7735



51.4012, 52.7977, 53.5659



24.3884, 20.7653, 28.7492



11.4691, 11.7272, 11.7385



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.8324, 22.8291, 18.7735



40.1304, 37.3297, 28.0014



26.7619, 28.6879, 19.7500



6.3454, 6.4960, 6.5252



11.6189, 7.1202, 0.7620



0.2019, 0.1628, 0.0208

Inverse Universe

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



22.5487, 25.5216, 34.7482



37.4033, 43.0280, 61.8702



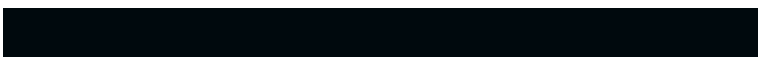
19.6985, 19.8212, 33.7981



6.2354, 6.7281, 7.8990



9.3255, 11.0476, 26.5486



0.1699, 0.2261, 0.4071

Previews

White Background



This preview shows how the XYZ color 23.8318, 22.8280, 18.7730 looks on a white background.

Color Contrast Check

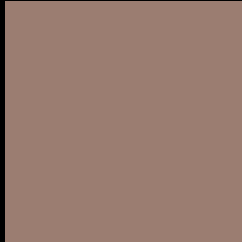
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8318, 22.8280, 18.7730 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 23.8318, 22.8280, 18.7730

Background



This preview shows how black text looks on a background with the XYZ color 23.8318, 22.8280, 18.7730.



This preview shows how white text looks on a background with the XYZ color 23.8318, 22.8280,

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

23.8318, 22.8280, 18.7730

Protanopia

21.7499, 22.8968, 19.7962

Deuteranopia

23.3325, 22.9503, 18.8229



Tritanopia

25.0290, 22.7531, 24.9024

Trichromacy



Original Color

23.8318, 22.8280, 18.7730

Protanomaly

22.4464, 22.8676, 19.4505

Deuteranomaly

23.3904, 22.7894, 18.7888

Tritanomaly

24.4949, 22.7145, 22.4954

Monochromacy



Original Color

23.8318, 22.8280, 18.7730

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.7330, 23.1343, 23.0059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8318, 22.8280, 18.7730 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(155, 125, 113)` looks like.

```
.text, #text, p{  
    color:rgb(155, 125, 113)  
}
```

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(155, 125, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 125, 113) }
```

Border

The CSS property to change the border of an element to XYZ 23.8318, 22.8280, 18.7730 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(155, 125, 113) }
```


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

```
.border{ border-color:rgb(155, 125, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 125, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 125, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 125, 113);  
box-shadow:4px 4px 4px 4px rgb(155, 125,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8318, 22.8280, 18.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 125, 113) }
```

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

```
.background{ background-color: rgb(155,  
125, 113) }
```

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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