

Converting Colors

XYZ(23.2362, 26.2413, 18.3088)

Have a look what the booklet for
XYZ(23.2362, 26.2413, 18.3088)
contains.

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Color

**XYZ(23.2302, 26.2380,
18.3081)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8F6D
RGB	139, 143, 109
RGB Percent	55%, 56%, 43%
CMY	0.4549, 0.4392, 0.5725
CMYK	0.03, 0.00, 0.24, 0.44
HSL	67°, 13%, 49%
HSV	67°, 24%, 56%
XYZ	23.2302, 26.2380, 18.3081
YIQ	137.9280, 8.5300, -11.4220

Conversions

Conversions Part 2

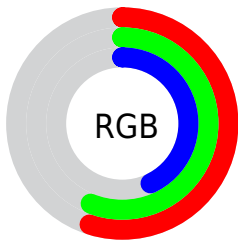
Format	Color
R_{YB}	109, 143, 113
Decimal	9146221
CIE _{Lab}	58.26, -7.48, 17.65
CIE _{LCh}	58, 19.170, 112.973
Yxy	26.2380, 0.3427, 0.3871
Android (android.graphics.Color)	4287336301 (0xFF8B8F6D)
YUV	137.9280, -14.2615, 0.9401
Hunter-Lab	51.2230, -8.6887, 14.6647

Details

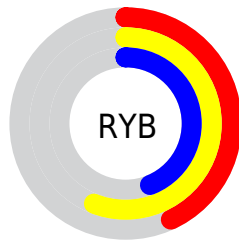
The XYZ color **23.2302, 26.2380, 18.3081** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.2377, 16.4319, 28.2512**, and the grayscale version is **24.1809, 25.4402, 27.7044**.

A 20% lighter version of the original color is **48.3916, 53.8432, 41.5605**, and **8.8765, 10.2895, 5.9331** is the 20% darker color. If you saturate the color by 10%, you get **22.2435, 25.8120, 14.5652**, and if you desaturate by 10%, it is **24.3479, 26.7187, 22.7120**.

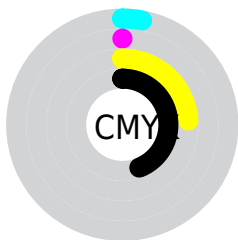
Distribution



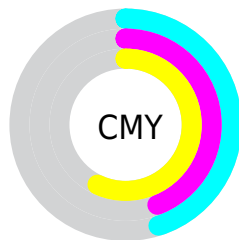
- Red (55%)
- Green (56%)
- Blue (43%)



- Red (43%)
- Yellow (56%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2302, 26.2380, 18.3081 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 23.2302, 26.2380, 18.3081 by changing the saturation by 10% instead.

■ 23.2302, 26.2380,
18.3081

■ 23.2302, 26.2380,
18.3081

261.4185,
283.9485, 254.8961

■ 14.8852, 17.0018,
10.9997

■ 48.2349, 53.6586,
41.3826

■ 8.8247, 10.2358,
5.9525

■ 65.6254, 72.6119,
57.9858

■ 4.6832, 5.5556,
2.7479

■ 86.7617, 95.5729,
78.5244

■ 2.0954, 2.5768,
0.9674

■ 112.0092,
122.9260, 103.4168

■ 0.6867, 0.9150,
0.0000

141.7332,
155.0558, 133.0816

■ 0.0000, 0.0000,
0.0000

176.2992,

192.3465, 167.9375

216.0725,
235.1826, 208.4028

■ 23.2302, 26.2380,
18.3081

■ 23.2302, 26.2380,
18.3081

■ 22.2435, 25.8120,
14.5652

■ 24.3479, 26.7187,
22.7120

■ 21.3796, 25.4347,
11.4498

■ 25.6002, 27.2529,
27.8051

■ 20.6327, 25.1047,
8.9280

■ 26.9931, 27.8438,
33.6156

■ 19.9955, 24.8191,
6.9619

■ 28.5316, 28.4934,
40.1700

■ 19.4602, 24.5747,
5.5094

■ 30.2205, 29.2037,
47.4934

■ 19.0173, 24.3678,
4.5222

■ 32.0644, 29.9765,
55.6095

■ 18.6560, 24.1940,
3.9422

■ 34.0675, 30.8136,
64.5412

■ 18.4516, 24.0943,
3.6782

■ 36.2340, 31.7165,
74.3104

■ 38.5681, 32.6869,
84.9381

Harmonies

Analogous

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



25.4906, 26.2380, 17.6317



23.2302, 26.2380, 18.3081



21.5296, 26.2380, 21.5171

Triad

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



23.2302, 26.2380, 18.3081



22.3364, 26.2380, 40.0867



29.6549, 26.2380, 30.1674

Complementary

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



23.2302, 26.2380, 18.3081



17.2377, 16.4319, 28.2512

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.



28.6893, 26.2380, 37.0137



23.2302, 26.2380, 18.3081



24.3943, 26.2380, 43.2907

Square

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



23.2302, 26.2380, 18.3081



21.0365, 26.2380, 33.8755



26.7284, 26.2380, 42.0865



29.2953, 26.2380, 23.8473

Rectangle

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



23.2302, 26.2380, 18.3081



20.8949, 26.2380, 24.9736



26.7284, 26.2380, 42.0865



29.4727, 26.2380, 32.4933

Sweetspot

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



23.2309, 26.2392, 18.3087



45.0599, 48.4694, 46.5764



19.9903, 18.7473, 17.0334



10.3072, 11.1040, 10.5745



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.2309, 26.2392, 18.3087



40.5412, 46.5301, 28.7340



20.6145, 24.8904, 18.1862



5.7779, 6.2536, 5.7919



16.3252, 21.3085, 3.2525



0.1675, 0.2096, 0.0316

Inverse Universe

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



17.2377, 16.4319, 28.2512



27.7207, 25.5473, 50.0081



19.6282, 17.6643, 28.3631



5.1850, 5.2835, 6.7753



4.5960, 1.8629, 23.0944



0.0532, 0.0226, 0.2212

Previews

White Background



This preview shows how the XYZ color 23.2302, 26.2380, 18.3081 looks on a white background.

Color Contrast Check

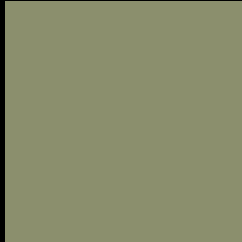
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2302, 26.2380, 18.3081 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

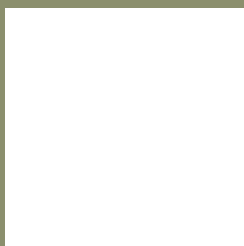
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2302, 26.2380, 18.3081

Background



This preview shows how black text looks on a background with the XYZ color 23.2302, 26.2380, 18.3081.



This preview shows how white text looks on a background with the XYZ color 23.2302, 26.2380,

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

23.2302, 26.2380, 18.3081

Protanopia

24.4793, 26.2284, 17.9598

Deuteranopia

26.4986, 25.9844, 18.6578



Tritanopia

26.0149, 26.2762, 32.1344

Trichromacy



Original Color

23.2302, 26.2380, 18.3081

Protanomaly

23.9087, 26.1522, 17.9751

Deuteranomaly

25.0866, 25.8871, 18.4264

Tritanomaly

24.8365, 26.2282, 26.3078

Monochromacy



Original Color

23.2302, 26.2380, 18.3081

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.6901, 25.6917, 23.7891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2302, 26.2380, 18.3081 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(139, 143, 109)` looks like.

```
.text, #text, p{  
    color:rgb(139, 143, 109)  
}
```

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(139, 143, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 143, 109) }
```

Border

The CSS property to change the border of an element to XYZ 23.2302, 26.2380, 18.3081 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(139, 143, 109) }
```


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

```
.border{ border-color:rgb(139, 143, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 143, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 143, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 143, 109); box-shadow:4px 4px 4px 4px rgb(139, 143, 109) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2302, 26.2380, 18.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 143, 109) }
```

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

```
.background{ background-color: rgb(139,  
143, 109) }
```

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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