

Converting Colors

XYZ(23.7008, 26.4819, 22.3863)

Have a look what the booklet for
XYZ(23.7008, 26.4819, 22.3863)
contains.

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Color

**XYZ(23.6518, 26.3684,
22.2554)**

Conversions

Conversions Part 1

Format	Color
Hex	898F7A
RGB	137, 143, 122
RGB Percent	54%, 56%, 48%
CMY	0.4627, 0.4392, 0.5216
CMYK	0.04, 0.00, 0.15, 0.44
HSL	77°, 9%, 52%
HSV	77°, 15%, 56%
XYZ	23.6518, 26.3684, 22.2554
YIQ	138.8120, 3.1650, -7.8030

Conversions

Conversions Part 2

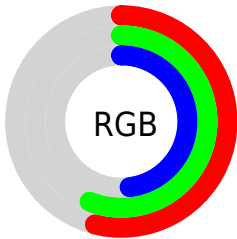
Format	Color
R_{YB}	122, 143, 128
Decimal	9015162
CIE _{Lab}	58.39, -6.13, 10.44
CIE _{LCh}	58, 12.106, 120.431
Yxy	26.3684, 0.3272, 0.3648
Android (android.graphics.Color)	4287205242 (0xFF898F7A)
YUV	138.8120, -8.2883, -1.5891
Hunter-Lab	51.3502, -7.6460, 10.2486

Details

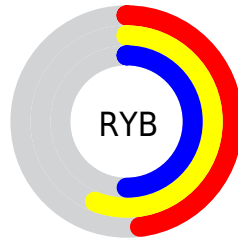
The XYZ color **23.6518, 26.3684, 22.2554** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.8206, 20.4922, 28.8460**, and the grayscale version is **24.4989, 25.7747, 28.0687**.

A 20% lighter version of the original color is **48.8414, 53.9356, 47.8808**, and **9.0474, 10.3360, 7.8215** is the 20% darker color. If you saturate the color by 10%, you get **22.1730, 25.7018, 17.8963**, and if you desaturate by 10%, it is **25.2879, 27.1026, 27.3036**.

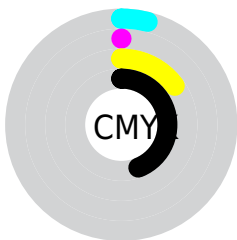
Distribution



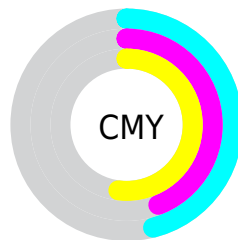
- Red (54%)
- Green (56%)
- Blue (48%)



- Red (48%)
- Yellow (56%)
- Blue (50%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (44%)



- Cyan (46%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6518, 26.3684, 22.2554 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 23.6518, 26.3684, 22.2554 by changing the saturation by 10% instead.

■ 23.6518, 26.3684,
22.2554

■ 23.6518, 26.3684,
22.2554

263.5286,
284.5859, 276.8740

■ 15.1989, 17.0994,
13.8446

■ 48.9202, 53.8687,
48.0753

■ 9.0463, 10.3054,
7.8751

■ 66.4664, 72.8688,
66.3216

■ 4.8287, 5.6019,
3.9285

■ 87.7744, 95.8814,
88.6833

■ 2.1809, 2.6046,
1.5862

113.2095,
123.2909, 115.5791

■ 0.7326, 0.9290,
0.2810

143.1371,
155.4817, 147.4276

■ 0.0000, 0.0000,
0.0000

177.9226,

192.8382, 184.6472

217.9313,
235.7448, 227.6565

■ 23.6518, 26.3684,
22.2554

■ 23.6518, 26.3684,
22.2554

■ 22.1730, 25.7018,
17.8963

■ 25.2879, 27.1026,
27.3036

■ 20.8433, 25.0969,
14.1948

■ 27.0846, 27.9031,
33.0673

■ 19.6571, 24.5522,
11.1193

■ 29.0481, 28.7734,
39.5735

■ 18.6076, 24.0650,
8.6350

■ 31.1833, 29.7153,
46.8475

■ 17.6871, 23.6323,
6.7037

■ 33.4951, 30.7310,
54.9131

■ 16.8872, 23.2506,
5.2828

■ 35.9880, 31.8222,
63.7933

■ 16.1984, 22.9160,
4.3234

■ 38.6666, 32.9907,
73.5100

■ 15.6085, 22.6237,
3.7624

■ 41.5350, 34.2383,
84.0846

■ 15.3170, 22.4783,
3.5314

■ 44.5974, 35.5667,
95.5372

Harmonies

Analogous

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



25.0410, 26.3684, 21.3238



23.6518, 26.3684, 22.2554



22.6734, 26.3684, 24.8825

Triad

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



23.6518, 26.3684, 22.2554



23.6874, 26.3684, 36.3787



28.0097, 26.3684, 28.6496

Complementary

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



23.6518, 26.3684, 22.2554



20.8206, 20.4922, 28.8460

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.



27.6135, 26.3684, 32.9127



23.6518, 26.3684, 22.2554



25.0837, 26.3684, 37.6325

Square

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



23.6518, 26.3684, 22.2554



22.6934, 26.3684, 33.0288



26.5279, 26.3684, 36.3072



27.5908, 26.3684, 24.7864

Rectangle

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



23.6518, 26.3684, 22.2554



22.3659, 26.3684, 27.3802



26.5279, 26.3684, 36.3072



27.9673, 26.3684, 30.0836

Sweetspot

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



23.6525, 26.3696, 22.2560



45.4697, 48.6168, 49.4785



22.5541, 22.6709, 21.6000



10.3781, 11.1270, 11.1918



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.



23.6525, 26.3696, 22.2560



41.3451, 46.7662, 36.8303



22.0217, 25.5288, 22.1796



5.6914, 6.2090, 5.7879



13.5636, 19.8849, 3.1233



0.1514, 0.2013, 0.0309

Inverse Universe

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



20.8206, 20.4922, 28.8460



35.1569, 33.9218, 51.2326



22.4742, 21.3446, 28.9234



5.2654, 5.3250, 6.7791



5.2065, 2.1777, 23.1230



0.0693, 0.0309, 0.2220

Previews

White Background



This preview shows how the XYZ color 23.6518, 26.3684, 22.2554 looks on a white background.

Color Contrast Check

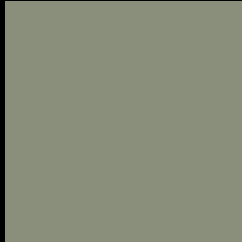
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6518, 26.3684, 22.2554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

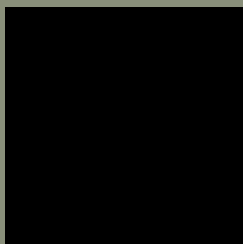
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

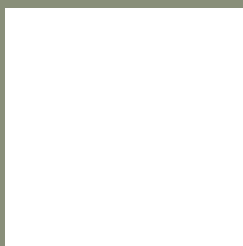
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6518, 26.3684, 22.2554

Background



This preview shows how black text looks on a background with the XYZ color 23.6518, 26.3684, 22.2554.



This preview shows how white text looks on a background with the XYZ color 23.6518, 26.3684,

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

23.6518, 26.3684, 22.2554

Protanopia

24.8009, 26.3153, 21.5415

Deuteranopia

26.7993, 26.2568, 22.7244



Tritanopia

25.7221, 26.3300, 32.5807

Trichromacy



Original Color

23.6518, 26.3684, 22.2554

Protanomaly

24.3038, 26.2699, 21.8788

Deuteranomaly

25.6125, 26.2824, 22.4620

Tritanomaly

24.9269, 26.2251, 28.5591

Monochromacy



Original Color

23.6518, 26.3684, 22.2554

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.0930, 25.8529, 25.9106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6518, 26.3684, 22.2554 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(137, 143, 122)` looks like.

```
.text, #text, p{  
    color:rgb(137, 143, 122)  
}
```

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(137, 143, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 143, 122) }
```

Border

The CSS property to change the border of an element to XYZ 23.6518, 26.3684, 22.2554 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(137, 143, 122) }
```


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

```
.border{ border-color:rgb(137, 143, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 143, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 143, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 143, 122);  
box-shadow:4px 4px 4px 4px rgb(137, 143,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6518, 26.3684, 22.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 143, 122) }
```

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

```
.background{ background-color: rgb(137,  
143, 122) }
```

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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