

Converting Colors

XYZ(22.9859, 25.0055, 25.4497)

Have a look what the booklet for
XYZ(22.9859, 25.0055, 25.4497)
contains.

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Color

**XYZ(23.0703, 25.1177,
25.4621)**

Conversions

Conversions Part 1

Format	Color
Hex	858B84
RGB	133, 139, 132
RGB Percent	52%, 55%, 52%
CMY	0.4784, 0.4549, 0.4823
CMYK	0.04, 0.00, 0.05, 0.45
HSL	111°, 3%, 53%
HSV	111°, 5%, 55%
XYZ	23.0703, 25.1177, 25.4621
YIQ	136.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

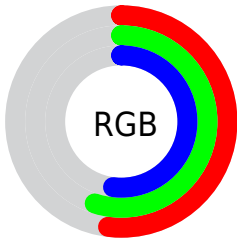
Format	Color
R_{YB}	132, 139, 138
Decimal	8752004
CIE Lab	57.19, -3.58, 2.97
CIE LCh	57, 4.652, 140.299
Yxy	25.1177, 0.3132, 0.3410
Android (android.graphics.Color)	4286942084 (0xFF858B84)
YUV	136.4080, -2.1731, -2.9888
Hunter-Lab	50.1176, -5.5380, 4.9602

Details

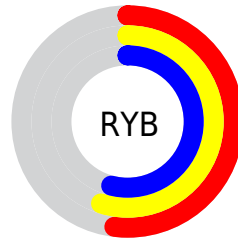
The XYZ color **23.0703, 25.1177, 25.4621** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3938, 23.7706, 27.7826**, and the grayscale version is **23.5636, 24.7907, 26.9971**.

A 20% lighter version of the original color is **47.8563, 51.6412, 53.3444**, and **8.7899, 9.6541, 9.5838** is the 20% darker color. If you saturate the color by 10%, you get **20.4061, 23.8477, 20.6985**, and if you desaturate by 10%, it is **26.0762, 26.5507, 30.9044**.

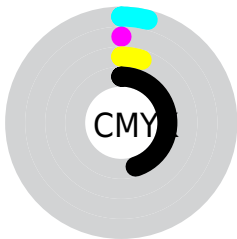
Distribution



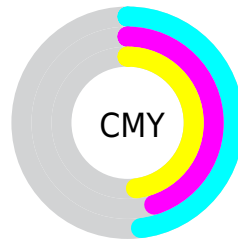
- Red (52%)
- Green (55%)
- Blue (52%)



- Red (52%)
- Yellow (55%)
- Blue (54%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (45%)



- Cyan (48%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0703, 25.1177, 25.4621 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 23.0703, 25.1177, 25.4621 by changing the saturation by 10% instead.

■ 23.0703, 25.1177,
25.4621

■ 23.0703, 25.1177,
25.4621

260.6145,
278.4236, 293.6525

■ 14.7664, 16.1648,
16.1995

■ 47.9745, 51.8481,
53.3793

■ 8.7409, 9.6408,
9.5096

■ 65.3056, 70.3944,
72.8710

■ 4.6283, 5.1615,
4.9737

■ 86.3764, 92.9072,
96.6094

■ 2.0634, 2.3423,
2.1734

111.5524,
119.7710, 125.0132

■ 0.6692, 0.7960,
0.6589

141.1988,
151.3701, 158.5009

■ 0.0000, 0.0000,
0.0000

175.6810,

188.0890, 197.4910

215.3645,
230.3120, 242.4020

■ 23.0703, 25.1177,
25.4621

■ 23.0703, 25.1177,
25.4621

■ 20.4061, 23.8477,
20.6985

■ 26.0762, 26.5507,
30.9044

■ 18.0693, 22.7316,
16.5854

■ 29.4331, 28.1487,
37.0488

■ 16.0480, 21.7647,
13.0952

■ 33.1526, 29.9179,
43.9197

■ 14.3284, 20.9406,
10.1973

■ 37.2452, 31.8633,
51.5398

■ 12.8959, 20.2524,
7.8590

■ 41.7210, 33.9896,
59.9307

■ 11.7346, 19.6927,
6.0442

■ 46.5895, 36.3012,
69.1132

■ 10.8271, 19.2534,
4.7124

■ 51.8600, 38.8025,
79.1074

■ 10.1538, 18.9254,
3.8175

■ 57.5417, 41.4978,
89.9326

■ 9.6906, 18.6977,
3.2964

■ 63.3024, 44.2548,
99.8134

Harmonies

Analogous

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



23.5091, 25.1177, 24.6093



23.0703, 25.1177, 25.4621



22.8477, 25.1177, 26.8424

Triad

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



23.0703, 25.1177, 25.4621



23.6961, 25.1177, 30.4397



24.8778, 25.1177, 26.3130

Complementary

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



23.0703, 25.1177, 25.4621



23.3938, 23.7706, 27.7826

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.



24.9298, 25.1177, 27.8617



23.0703, 25.1177, 25.4621



24.2419, 25.1177, 30.2847

Square

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



23.0703, 25.1177, 25.4621



23.2054, 25.1177, 29.7425



24.6954, 25.1177, 29.3267



24.5546, 25.1177, 25.0873

Rectangle

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



23.0703, 25.1177, 25.4621



22.8496, 25.1177, 27.8932



24.6954, 25.1177, 29.3267



24.9278, 25.1177, 26.8117

Sweetspot

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



23.0710, 25.1188, 25.4626



42.8604, 45.7181, 48.3850



23.8947, 25.3187, 25.4578



9.8922, 10.5423, 11.1783



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.0710, 25.1188, 25.4626



40.7631, 44.7184, 44.6061



23.0837, 25.1057, 26.3491



5.2066, 5.7226, 5.6852



8.6000, 16.8034, 2.7901



0.0645, 0.1154, 0.0189

Inverse Universe

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



23.3938, 23.7706, 27.7826



41.4615, 41.8012, 49.6261



23.3828, 23.7854, 26.8576



5.2999, 5.3328, 6.3558



11.1031, 5.2380, 22.4715



0.0827, 0.0394, 0.1497

Previews

White Background



This preview shows how the XYZ color 23.0703, 25.1177, 25.4621 looks on a white background.

Color Contrast Check

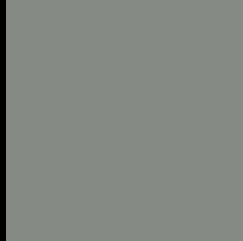
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0703, 25.1177, 25.4621 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

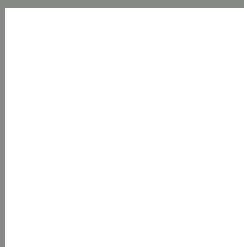
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0703, 25.1177, 25.4621

Background



This preview shows how black text looks on a background with the XYZ color 23.0703, 25.1177, 25.4621.



This preview shows how white text looks on a background with the XYZ color 23.0703, 25.1177,

25.4621.

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

23.0703, 25.1177, 25.4621

Protanopia

24.0269, 25.1927, 25.0691

Deuteranopia

25.5701, 25.1439, 25.6959



Tritanopia

24.2038, 25.1488, 31.1823

Trichromacy



Original Color

23.0703, 25.1177, 25.4621

Protanomaly

23.6664, 25.2189, 25.0931

Deuteranomaly

24.5747, 25.0411, 25.7285

Tritanomaly

23.8025, 25.1983, 29.2004

Monochromacy



Original Color

23.0703, 25.1177, 25.4621

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.3105, 24.7915, 26.4783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0703, 25.1177, 25.4621 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(133, 139, 132)` looks like.

```
.text, #text, p{  
    color:rgb(133, 139, 132)  
}
```

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(133, 139, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 139, 132) }
```

Border

The CSS property to change the border of an element to XYZ 23.0703, 25.1177, 25.4621 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(133, 139, 132) }
```


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

```
.border{ border-color:rgb(133, 139, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 139, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 139, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 139, 132);  
box-shadow:4px 4px 4px 4px rgb(133, 139,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0703, 25.1177, 25.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 139, 132) }
```

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

```
.background{ background-color: rgb(133,  
139, 132) }
```

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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