

Converting Colors

XYZ(22.6687, 25.0983, 23.2726)

Have a look what the booklet for
XYZ(22.6687, 25.0983, 23.2726)
contains.

XYZ(22.8168, 25.2491, 23.4096)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.8168, 25.2491,
23.4096)**

Conversions

Conversions Part 1

Format	Color
Hex	858C7E
RGB	133, 140, 126
RGB Percent	52%, 55%, 49%
CMY	0.4784, 0.4510, 0.5059
CMYK	0.05, 0.00, 0.10, 0.45
HSL	90°, 6%, 52%
HSV	90°, 10%, 55%
XYZ	22.8168, 25.2491, 23.4096
YIQ	136.3110, 0.3220, -5.8380

Conversions

Conversions Part 2

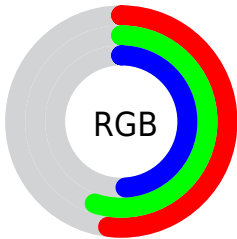
Format	Color
R _Y B	126, 140, 133
Decimal	8752254
CIE Lab	57.32, -5.27, 6.60
CIE LCh	57, 8.445, 128.652
Yxy	25.2491, 0.3192, 0.3533
Android (android.graphics.Color)	4286942334 (0xFF858C7E)
YUV	136.3110, -5.0833, -2.9037
Hunter-Lab	50.2485, -6.8817, 7.5521

Details

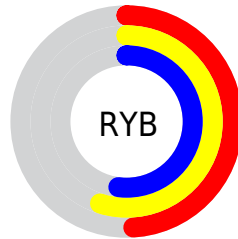
The XYZ color **22.8168, 25.2491, 23.4096** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.8684, 21.8024, 27.8681**, and the grayscale version is **23.5373, 24.7631, 26.9670**.

A 20% lighter version of the original color is **47.6782, 52.2773, 50.2255**, and **8.5630, 9.6872, 8.4397** is the 20% darker color. If you saturate the color by 10%, you get **20.9072, 24.3626, 18.9299**, and if you desaturate by 10%, it is **24.9280, 26.2264, 28.5598**.

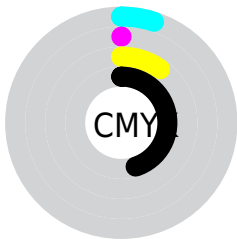
Distribution



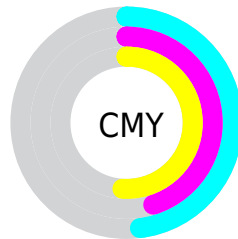
- Red (52%)
- Green (55%)
- Blue (49%)



- Red (49%)
- Yellow (55%)
- Blue (52%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (45%)



- Cyan (48%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8168, 25.2491, 23.4096 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 22.8168, 25.2491, 23.4096 by changing the saturation by 10% instead.

■ 22.8168, 25.2491,
23.4096

■ 22.8168, 25.2491,
23.4096

259.3356,
279.0762, 283.0117

■ 14.5782, 16.2627,
14.6881

■ 47.5612, 52.0610,
49.9967

■ 8.6083, 9.7103,
8.4566

■ 64.7978, 70.6554,
68.6994

■ 4.5416, 5.2073,
4.2965

■ 85.7644, 93.2213,
91.5663

■ 2.0129, 2.3694,
1.7894

110.8264,
120.1430, 119.0158

■ 0.6412, 0.8101,
0.4209

140.3492,
151.8049, 151.4666

■ 0.0000, 0.0000,
0.0000

174.6981,

188.5915, 189.3371

214.2384,
230.8871, 233.0460

■ 22.8168, 25.2491,
23.4096

■ 22.8168, 25.2491,
23.4096

■ 20.9072, 24.3626,
18.9299

■ 24.9280, 26.2264,
28.5598

■ 19.1904, 23.5607,
15.0916

■ 27.2450, 27.2939,
34.4049

■ 17.6601, 22.8417,
11.8656

■ 29.7744, 28.4552,
40.9699

■ 16.3088, 22.2022,
9.2202

■ 32.5221, 29.7127,
48.2783

■ 15.1283, 21.6388,
7.1206

■ 35.4936, 31.0689,
56.3524

■ 14.1096, 21.1479,
5.5287

■ 38.6941, 32.5260,
65.2136

■ 13.2430, 20.7252,
4.4009

■ 42.1287, 34.0862,
74.8824

■ 12.5171, 20.3660,
3.6867

■ 45.8025, 35.7516,
85.3786

■ 11.9031, 20.0587,
3.2444

■ 49.7201, 37.5242,
96.7213

Harmonies

Analogous

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



23.7102, 25.2491, 22.3966



22.8168, 25.2491, 23.4096



22.2508, 25.2491, 25.5346

Triad

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



22.8168, 25.2491, 23.4096



23.3050, 25.2491, 32.9498



25.9512, 25.2491, 26.6714

Complementary

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



22.8168, 25.2491, 23.4096



21.8684, 21.8024, 27.8681

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.



25.8354, 25.2491, 29.5469



22.8168, 25.2491, 23.4096



24.2891, 25.2491, 33.3069

Square

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



22.8168, 25.2491, 23.4096



22.5272, 25.2491, 31.0790



25.2203, 25.2491, 32.0233



25.5326, 25.2491, 24.1921

Rectangle

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



22.8168, 25.2491, 23.4096



22.1261, 25.2491, 27.3626



25.2203, 25.2491, 32.0233



25.9737, 25.2491, 27.6218

Sweetspot

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



22.8175, 25.2502, 23.4101



42.7695, 45.6921, 47.4419



22.9696, 23.8578, 23.1334



9.7895, 10.4982, 10.7707



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.



22.8175, 25.2502, 23.4101



39.4376, 44.1491, 39.3915



21.7489, 24.6993, 23.3601



5.1944, 5.7230, 5.3833



10.5986, 17.8338, 2.8837



0.0873, 0.1272, 0.0199

Inverse Universe

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



21.8684, 21.8024, 27.8681



37.4182, 36.8134, 48.8765



23.0107, 22.3913, 27.9215



4.9974, 5.0071, 6.3089



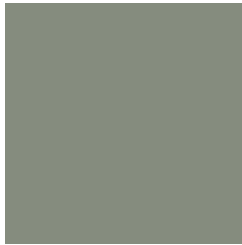
6.4744, 2.8518, 22.2549



0.0599, 0.0276, 0.1486

Previews

White Background



This preview shows how the XYZ color 22.8168, 25.2491, 23.4096 looks on a white background.

Color Contrast Check

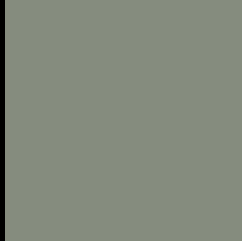
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8168, 25.2491, 23.4096 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

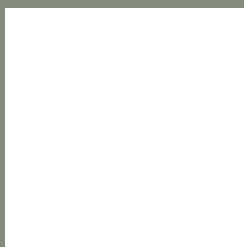
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.8168, 25.2491, 23.4096

Background



This preview shows how black text looks on a background with the XYZ color 22.8168, 25.2491, 23.4096.



This preview shows how white text looks on a background with the XYZ color 22.8168, 25.2491,

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

22.8168, 25.2491, 23.4096

Protanopia

23.9114, 25.1862, 22.6699

Deuteranopia

25.5447, 25.1774, 23.5920



Tritanopia

24.4443, 25.2637, 31.6050

Trichromacy



Original Color

22.8168, 25.2491, 23.4096

Protanomaly

23.4376, 25.1466, 23.0205

Deuteranomaly

24.4890, 25.2516, 23.6620

Tritanomaly

23.8138, 25.2213, 28.4240

Monochromacy



Original Color

22.8168, 25.2491, 23.4096

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1022, 24.7082, 25.3813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8168, 25.2491, 23.4096 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, 140, 126)` looks like.

```
.text, #text, p{  
    color:rgb(133, 140, 126)  
}
```

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, 140, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 140, 126) }
```

Border

The CSS property to change the border of an element to XYZ 22.8168, 25.2491, 23.4096 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, 140, 126) }
```


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

```
.border{ border-color:rgb(133, 140, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 140, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 140, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 140, 126);  
box-shadow:4px 4px 4px 4px rgb(133, 140,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8168, 25.2491, 23.4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 140, 126) }
```

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

```
.background{ background-color: rgb(133,  
140, 126) }
```

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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