

Converting Colors

XYZ(22.7336, 25.3400, 7.5638)

Have a look what the booklet for
XYZ(22.7336, 25.3400, 7.5638)
contains.

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Color

**XYZ(22.7336, 25.3400,
7.5638)**

Conversions

Conversions Part 1

Format	Color
Hex	978B39
RGB	151, 139, 57
RGB Percent	59%, 55%, 22%
CMY	0.4078, 0.4549, 0.7765
CMYK	0.00, 0.08, 0.62, 0.41
HSL	52°, 45%, 41%
HSV	52°, 62%, 59%
XYZ	22.7336, 25.3400, 7.5638
YIQ	133.2400, 33.4740, -22.9580

Conversions

Conversions Part 2

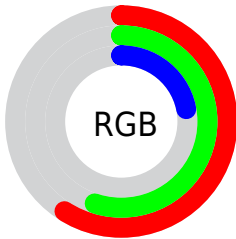
Format	Color
RYB	71, 151, 57
Decimal	9931577
CIELab	57.41, -6.03, 44.34
CIELCh	57, 44.753, 97.746
Yxy	25.3400, 0.4086, 0.4554
Android (android.graphics.Color)	4288121657 (0xFF978B39)
YUV	133.2400, -37.5863, 15.5755
Hunter-Lab	50.3389, -7.4804, 26.3284

Details

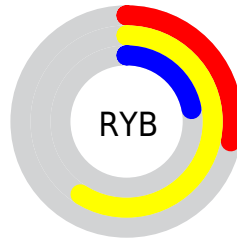
The XYZ color **22.7336, 25.3400, 7.5638** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.4013, 7.3602, 30.2030**, and the grayscale version is **22.5067, 23.6788, 25.7862**.

A 20% lighter version of the original color is **47.2885, 52.0474, 21.7411**, and **8.5131, 9.6905, 1.4792** is the 20% darker color. If you saturate the color by 10%, you get **22.1352, 24.6591, 5.7744**, and if you desaturate by 10%, it is **23.4501, 26.0780, 9.9460**.

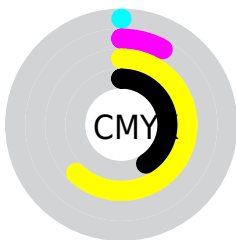
Distribution



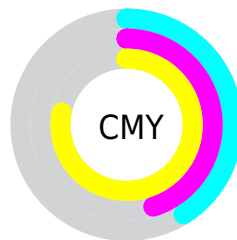
- Red (59%)
- Green (55%)
- Blue (22%)



- Red (28%)
- Yellow (59%)
- Blue (22%)



- Cyan (0%)
- Magenta (8%)
- Yellow (62%)
- Black (41%)





- Cyan (41%)
- Magenta (45%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.7336, 25.3400, 7.5638 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 22.7336, 25.3400, 7.5638 by changing the saturation by 10% instead.


 22.7336, 25.3400,
7.5638


 22.7336, 25.3400,
7.5638


258.9147,
279.5270, 182.0744


 14.5165, 16.3305,
3.7334


 47.4254, 52.2083,
21.6306


 8.5649, 9.7584,
1.4802


 64.6309, 70.8359,
32.7042

 4.5133, 5.2390,
0.2031


 85.5632, 93.4383,
47.0291

 1.9964, 2.3882,
0.0000

 110.5877,
120.4000, 65.0240

 0.6320, 0.8198,
0.0000

 140.0697,
152.1053, 87.1075

 0.0000, 0.0000,
0.0000

 174.3747,

188.9386, 113.6980

213.8679,
231.2844, 145.2142

■ 22.7336, 25.3400,
7.5638

■ 22.7336, 25.3400,
7.5638

■ 22.1352, 24.6591,
5.7744

■ 23.4501, 26.0780,
9.9460

■ 21.6429, 24.0275,
4.5220

■ 24.2921, 26.8730,
12.9669

■ 21.2451, 23.4415,
3.7433

■ 25.2682, 27.7297,
16.6697

■ 20.9771, 23.0088,
3.3355

■ 26.3859, 28.6510,
21.0933

■ 27.6520, 29.6397,
26.2739

■ 29.0730, 30.6984,
32.2451

■ 30.6549, 31.8296,
39.0384

■ 32.4033, 33.0355,
46.6838

■ 34.3237, 34.3184,
55.2096

Harmonies

Analogous

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



28.1664, 25.3400, 8.4002



22.7336, 25.3400, 7.5638



18.3548, 25.3400, 10.3150

Triad

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



22.7336, 25.3400, 7.5638



16.8738, 25.3400, 49.6666



34.8358, 25.3400, 40.2265

Complementary

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



22.7336, 25.3400, 7.5638



9.4013, 7.3602, 30.2030

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.



30.8985, 25.3400, 57.8097



22.7336, 25.3400, 7.5638



20.4180, 25.3400, 64.5124

Square

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



22.7336, 25.3400, 7.5638



15.3112, 25.3400, 31.7267



25.4887, 25.3400, 67.9418



35.6972, 25.3400, 23.8312

Rectangle

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



22.7336, 25.3400, 7.5638



16.4346, 25.3400, 14.7329



25.4887, 25.3400, 67.9418



33.8029, 25.3400, 46.3445

Sweetspot

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



22.7342, 25.3412, 7.5643



47.8775, 51.8067, 40.2970



15.3165, 9.9421, 6.8295



10.7510, 11.6709, 8.6291



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.7342, 25.3412, 7.5643



39.2449, 43.6705, 9.2762



19.0787, 26.1781, 7.9185



6.6417, 7.0884, 6.6240



17.8603, 19.6031, 2.8424



0.2834, 0.3259, 0.0480

Inverse Universe

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



9.4013, 7.3602, 30.2030



13.3344, 8.7763, 53.4249



11.4097, 7.4088, 30.1065



5.9449, 6.1471, 7.8022



4.9667, 2.3301, 25.0957



0.0887, 0.0637, 0.3800

Previews

White Background



This preview shows how the XYZ color 22.7336, 25.3400, 7.5638 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 22.7336, 25.3400, 7.5638 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 22.7336, 25.3400, 7.5638

Background



This preview shows how black text looks on a background with the XYZ color 22.7336, 25.3400, 7.5638.



This preview shows how white text looks on a background with the XYZ color 22.7336, 25.3400,

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

22.7336, 25.3400, 7.5638

Protanopia

23.1534, 25.3424, 7.5421

Deuteranopia

25.7003, 25.2063, 7.6484



Tritanopia

26.8909, 25.1575, 28.6379

Trichromacy



Original Color

22.7336, 25.3400, 7.5638

Protanomaly

22.9639, 25.2447, 7.5333

Deuteranomaly

24.5987, 25.2482, 7.5799

Tritanomaly

24.7196, 24.8694, 18.2493

Monochromacy



Original Color

22.7336, 25.3400, 7.5638

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.0290, 23.9233, 16.8212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7336, 25.3400, 7.5638 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(151, 139, 57)` looks like.

```
.text, #text, p{  
    color:rgb(151, 139, 57)  
}
```

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(151, 139, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 139, 57) }
```

Border

The CSS property to change the border of an element to XYZ 22.7336, 25.3400, 7.5638 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(151, 139, 57) }
```


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

```
.border{ border-color:rgb(151, 139, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 139, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 139, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 139, 57);  
box-shadow:4px 4px 4px 4px rgb(151, 139,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7336, 25.3400, 7.5638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 139, 57) }
```

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

```
.background{ background-color: rgb(151,  
139, 57) }
```

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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