

Converting Colors

XYZ(22.0143, 25.7595, 22.8596)

Have a look what the booklet for
XYZ(22.0143, 25.7595, 22.8596)
contains.

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Color

**XYZ(22.0688, 25.7617,
22.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	7D907C
RGB	125, 144, 124
RGB Percent	49%, 56%, 49%
CMY	0.5098, 0.4353, 0.5137
CMYK	0.13, 0.00, 0.14, 0.44
HSL	117°, 8%, 53%
HSV	117°, 14%, 56%
XYZ	22.0688, 25.7617, 22.8781
YIQ	136.0390, -4.9040, -10.2480

Conversions

Conversions Part 2

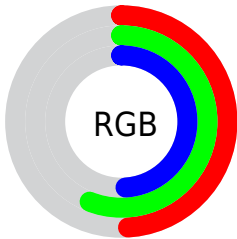
Format	Color
RYB	124, 144, 143
Decimal	8228988
CIELab	57.81, -10.83, 8.36
CIElCh	58, 13.682, 142.346
Yxy	25.7617, 0.3121, 0.3643
Android (android.graphics.Color)	4286419068 (0xFF7D907C)
YUV	136.0390, -5.9352, -9.6812
Hunter-Lab	50.7560, -11.2108, 8.8044

Details

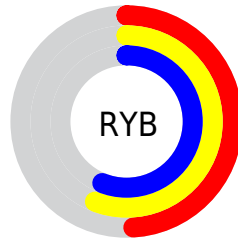
The XYZ color **22.0688, 25.7617, 22.8781** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5703, 22.2692, 29.4429**, and the grayscale version is **23.4398, 24.6604, 26.8552**.

A 20% lighter version of the original color is **46.4900, 53.0275, 49.3800**, and **8.2532, 10.0499, 8.1614** is the 20% darker color. If you saturate the color by 10%, you get **19.3625, 24.4649, 18.3398**, and if you desaturate by 10%, it is **25.1847, 27.2557, 28.1309**.

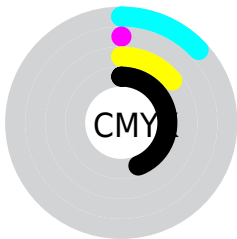
Distribution



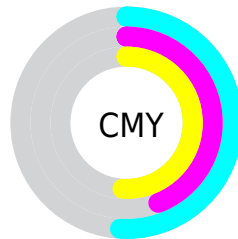
- Red (49%)
- Green (56%)
- Blue (49%)



- Red (49%)
- Yellow (56%)
- Blue (56%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0688, 25.7617, 22.8781 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 22.0688, 25.7617, 22.8781 by changing the saturation by 10% instead.

■ 22.0688, 25.7617,
22.8781

■ 22.0688, 25.7617,
22.8781

255.5310,
281.6103, 280.1999

■ 14.0243, 16.6455,
14.2991

■ 46.3377, 52.8903,
49.1137

■ 8.2194, 9.9820,
8.1878

■ 63.2928, 71.6714,
67.6074

■ 4.2887, 5.3870,
4.1259

■ 83.9489, 94.4429,
90.2431

■ 1.8667, 2.4761,
1.6947

108.6713,
121.5892, 117.4393

■ 0.5574, 0.8646,
0.3571

137.8254,
153.4947, 149.6145

■ 0.0000, 0.0000,
0.0000

171.7764,

190.5438, 187.1873

210.8898,
233.1209, 230.5763

■ 22.0688, 25.7617,
22.8781

■ 22.0688, 25.7617,
22.8781

■ 19.3625, 24.4649,
18.3398

■ 25.1847, 27.2557,
28.1309

■ 17.0467, 23.3541,
14.4836

■ 28.7239, 28.9512,
34.1254

■ 15.1040, 22.4215,
11.2771

■ 32.7022, 30.8565,
40.8895

■ 13.5149, 21.6581,
8.6844

■ 37.1341, 32.9785,
48.4491

■ 12.2581, 21.0535,
6.6664

■ 42.0330, 35.3236,
56.8289

■ 11.3100, 20.5967,
5.1795

■ 47.4123, 37.8981,
66.0525

■ 10.6439, 20.2748,
4.1735

■ 53.2844, 40.7081,
76.1426

■ 10.2282, 20.0731,
3.5881

■ 59.6615, 43.7592,
87.1210

■ 10.0639, 19.9939,
3.3288

■ 66.5553, 47.0571,
99.0088

Harmonies

Analogous

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



23.3042, 25.7617, 20.4866



22.0688, 25.7617, 22.8781



21.4863, 25.7617, 26.8622

Triad

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



22.0688, 25.7617, 22.8781



24.0673, 25.7617, 38.0064



27.5254, 25.7617, 24.7490

Complementary

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



22.0688, 25.7617, 22.8781



23.5703, 22.2692, 29.4429

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.



27.7521, 25.7617, 29.2725



22.0688, 25.7617, 22.8781



25.7065, 25.7617, 37.2779

Square

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



22.0688, 25.7617, 22.8781



22.6061, 25.7617, 35.8401



27.0730, 25.7617, 33.9482



26.4668, 25.7617, 21.4795

Rectangle

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



22.0688, 25.7617, 22.8781



21.5275, 25.7617, 30.0294



27.0730, 25.7617, 33.9482



27.7033, 25.7617, 26.1598

Sweetspot

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



22.0695, 25.7628, 22.8787



44.3053, 48.0166, 49.4240



24.9632, 27.0307, 22.9709



10.0674, 10.9668, 11.1772



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.



22.0695, 25.7628, 22.8787



37.1924, 44.6076, 37.4425



22.5199, 25.9262, 26.0084



5.3663, 6.0414, 5.7727



8.7695, 17.4134, 2.8989



0.0878, 0.1685, 0.0279

Inverse Universe

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



23.5703, 22.2692, 29.4429



40.4214, 37.0903, 51.5667



23.0833, 22.0945, 25.9705



5.6000, 5.4975, 6.7947



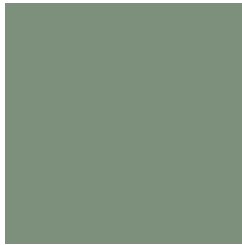
13.3451, 6.3732, 23.5039



0.1329, 0.0637, 0.2250

Previews

White Background



This preview shows how the XYZ color 22.0688, 25.7617, 22.8781 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 22.0688, 25.7617, 22.8781 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

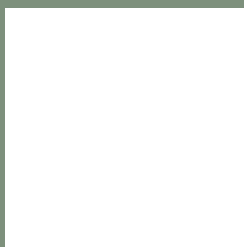
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0688, 25.7617, 22.8781

Background



This preview shows how black text looks on a background with the XYZ color 22.0688, 25.7617, 22.8781.



This preview shows how white text looks on a background with the XYZ color 22.0688, 25.7617,

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

22.0688, 25.7617, 22.8781

Protanopia

24.2167, 25.5772, 21.7497

Deuteranopia

26.1956, 25.7247, 23.3234



Tritanopia

24.0173, 25.6577, 32.9647

Trichromacy



Original Color

22.0688, 25.7617, 22.8781

Protanomaly

23.3722, 25.5646, 22.1150

Deuteranomaly

24.4672, 25.6774, 23.0687

Tritanomaly

23.2347, 25.5620, 28.9087

Monochromacy



Original Color

22.0688, 25.7617, 22.8781

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.9132, 25.0367, 25.4547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0688, 25.7617, 22.8781 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(125, 144, 124)` looks like.

```
.text, #text, p{  
    color:rgb(125, 144, 124)  
}
```

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(125, 144, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 144, 124) }
```

Border

The CSS property to change the border of an element to XYZ 22.0688, 25.7617, 22.8781 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(125, 144, 124) }
```


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

```
.border{ border-color:rgb(125, 144, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 144, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 144, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 144, 124);  
box-shadow:4px 4px 4px 4px rgb(125, 144,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0688, 25.7617, 22.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 144, 124) }
```

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

```
.background{ background-color: rgb(125,  
144, 124) }
```

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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