

Converting Colors

XYZ(22.4421, 25.4721, 25.1165)

Have a look what the booklet for
XYZ(22.4421, 25.4721, 25.1165)
contains.

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Color

**XYZ(22.5221, 25.4967,
25.2070)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8E83
RGB	127, 142, 131
RGB Percent	50%, 56%, 51%
CMY	0.5020, 0.4431, 0.4863
CMYK	0.11, 0.00, 0.08, 0.44
HSL	136°, 6%, 53%
HSV	136°, 11%, 56%
XYZ	22.5221, 25.4967, 25.2070
YIQ	136.2610, -5.4090, -6.6010

Conversions

Conversions Part 2

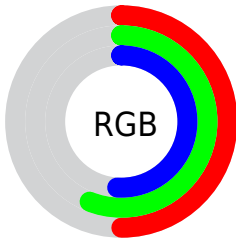
Format	Color
RYB	127, 139, 142
Decimal	8359555
CIELab	57.56, -7.65, 4.02
CIELCh	58, 8.638, 152.297
Yxy	25.4967, 0.3076, 0.3482
Android (android.graphics.Color)	4286549635 (0xFF7F8E83)
YUV	136.2610, -2.5937, -8.1219
Hunter-Lab	50.4943, -8.7481, 5.7481

Details

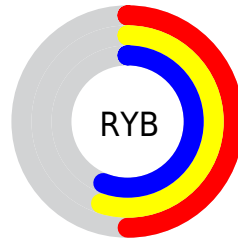
The XYZ color **22.5221, 25.4967, 25.2070** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3330, 22.7651, 27.2103**, and the grayscale version is **23.5110, 24.7354, 26.9369**.

A 20% lighter version of the original color is **47.2140, 52.6438, 53.0202**, and **8.4920, 9.8832, 9.4427** is the 20% darker color. If you saturate the color by 10%, you get **19.8838, 24.2148, 21.5826**, and if you desaturate by 10%, it is **25.5309, 26.9628, 29.2202**.

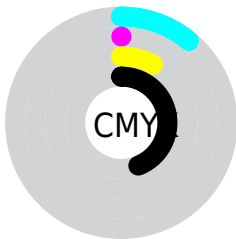
Distribution



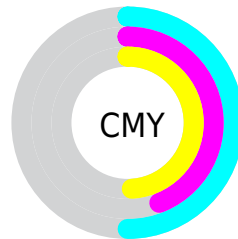
- Red (50%)
- Green (56%)
- Blue (51%)



- Red (50%)
- Yellow (55%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5221, 25.4967, 25.2070 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 22.5221, 25.4967, 25.2070 by changing the saturation by 10% instead.

■ 22.5221, 25.4967,
25.2070

■ 22.5221, 25.4967,
25.2070

257.8422,
280.3026, 292.3479

■ 14.3598, 16.4475,
16.0109

■ 47.0799, 52.4619,
52.9611

■ 8.4547, 9.8414,
9.3774

■ 64.2060, 71.1466,
72.3562

■ 4.4415, 5.2939,
4.8880

■ 85.0508, 93.8121,
95.9881

■ 1.9548, 2.4207,
2.1241

109.9797,
120.8425, 124.2753

■ 0.6084, 0.8365,
0.6301

139.3579,
152.6224, 157.6363

■ 0.0000, 0.0000,
0.0000

173.5508,

189.5361, 196.4897

212.9238,
231.9680, 241.2541

■ 22.5221, 25.4967,
25.2070

■ 22.5221, 25.4967,
25.2070

■ 19.8838, 24.2148,
21.5826

■ 25.5309, 26.9628,
29.2202

■ 17.5994, 23.1067,
18.3337

■ 28.9217, 28.6167,
33.6317

■ 15.6541, 22.1657,
15.4488

■ 32.7083, 30.4660,
38.4525

■ 14.0314, 21.3836,
12.9152

■ 36.9030, 32.5168,
43.6928

■ 12.7131, 20.7512,
10.7192

■ 41.5175, 34.7749,
49.3627

■ 11.6794, 20.2587,
8.8466

■ 46.5633, 37.2461,
55.4715

■ 10.9078, 19.8948,
7.2819

■ 52.0511, 39.9358,
62.0285

■ 10.3725, 19.6464,
6.0082

■ 57.9916, 42.8491,
69.0426

■ 10.0211, 19.4860,
5.0551

■ 64.3948, 45.9912,
76.5226

Harmonies

Analogous

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



23.1908, 25.4967, 23.2372



22.5221, 25.4967, 25.2070



22.3081, 25.4967, 27.9896

Triad

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



22.5221, 25.4967, 25.2070



24.3133, 25.4967, 33.8243



25.9470, 25.4967, 24.8395

Complementary

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



22.5221, 25.4967, 25.2070



23.3330, 22.7651, 27.2103

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.



26.2674, 25.4967, 27.5348



22.5221, 25.4967, 25.2070



25.3077, 25.4967, 32.8381

Square

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



22.5221, 25.4967, 25.2070



23.3246, 25.4967, 33.0930



26.0302, 25.4967, 30.4832



25.1664, 25.4967, 23.0359

Rectangle

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



22.5221, 25.4967, 25.2070



22.4470, 25.4967, 29.9700



26.0302, 25.4967, 30.4832



26.1131, 25.4967, 25.6644

Sweetspot

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



22.5228, 25.4978, 25.2076



43.6322, 46.8683, 49.6925



24.0274, 26.3042, 23.8898



9.6541, 10.4237, 10.9779



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.



22.5228, 25.4978, 25.2076



38.3929, 44.3177, 42.6532



23.0318, 25.7014, 27.8877



5.3983, 6.0515, 6.0631



9.0039, 17.4974, 4.5747



0.0942, 0.1705, 0.0865

Inverse Universe

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



23.3330, 22.7651, 27.2103



40.1552, 38.3735, 47.0088



22.8253, 22.5620, 24.5364



5.5657, 5.4868, 6.4770



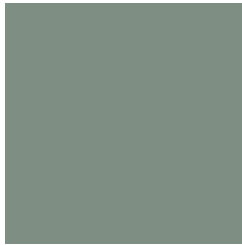
12.2734, 6.0664, 12.3572



0.1265, 0.0617, 0.1663

Previews

White Background



This preview shows how the XYZ color 22.5221, 25.4967, 25.2070 looks on a white background.

Color Contrast Check

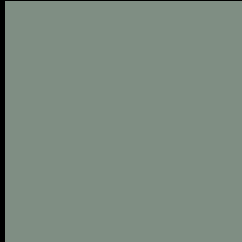
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5221, 25.4967, 25.2070 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

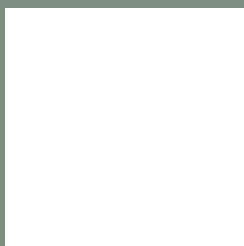
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5221, 25.4967, 25.2070

Background



This preview shows how black text looks on a background with the XYZ color 22.5221, 25.4967, 25.2070.



This preview shows how white text looks on a background with the XYZ color 22.5221, 25.4967,

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

22.5221, 25.4967, 25.2070

Protanopia

24.3786, 25.6016, 24.4256

Deuteranopia

25.7580, 25.2408, 25.7047



Tritanopia

23.9436, 25.4131, 32.4974

Trichromacy



Original Color

22.5221, 25.4967, 25.2070

Protanomaly

23.5784, 25.3953, 24.7782

Deuteranomaly

24.4706, 25.2036, 25.4048

Tritanomaly

23.3893, 25.4065, 29.6578

Monochromacy



Original Color

22.5221, 25.4967, 25.2070

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.0644, 24.8847, 26.1419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5221, 25.4967, 25.2070 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(127, 142, 131)` looks like.

```
.text, #text, p{  
    color:rgb(127, 142, 131)  
}
```

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(127, 142, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 142, 131) }
```

Border

The CSS property to change the border of an element to XYZ 22.5221, 25.4967, 25.2070 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(127, 142, 131) }
```


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

```
.border{ border-color:rgb(127, 142, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 142, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 142, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 142, 131);  
box-shadow:4px 4px 4px 4px rgb(127, 142,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5221, 25.4967, 25.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 142, 131) }
```

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

```
.background{ background-color: rgb(127,  
142, 131) }
```

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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