

Converting Colors

XYZ(22.8753, 25.0224, 27.1268)

Have a look what the booklet for
XYZ(22.8753, 25.0224, 27.1268)
contains.

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Color

**XYZ(22.9539, 25.0172,
27.2859)**

Conversions

Conversions Part 1

Format	Color
Hex	828B89
RGB	130, 139, 137
RGB Percent	51%, 55%, 54%
CMY	0.4902, 0.4549, 0.4627
CMYK	0.06, 0.00, 0.01, 0.45
HSL	167°, 4%, 53%
HSV	167°, 6%, 55%
XYZ	22.9539, 25.0172, 27.2859
YIQ	136.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

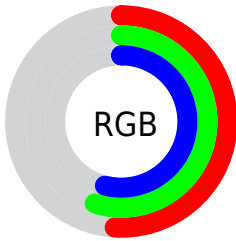
Format	Color
R_{YB}	130, 135, 139
Decimal	8555401
CIE Lab	57.09, -3.68, -0.07
CIE LCh	57, 3.684, 181.113
Yxy	25.0172, 0.3050, 0.3324
Android (android.graphics.Color)	4286745481 (0xFF828B89)
YUV	136.0810, 0.4531, -5.3330
Hunter-Lab	50.0172, -5.6128, 2.6675

Details

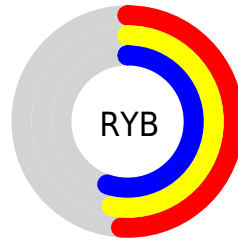
The XYZ color **22.9539, 25.0172, 27.2859** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.7959, 23.1208, 25.0923**, and the grayscale version is **23.4323, 24.6526, 26.8467**.

A 20% lighter version of the original color is **47.6723, 51.4843, 56.1401**, and **8.6860, 9.5822, 10.4086** is the 20% darker color. If you saturate the color by 10%, you get **20.7457, 23.9048, 26.0418**, and if you desaturate by 10%, it is **25.4579, 26.2828, 28.5781**.

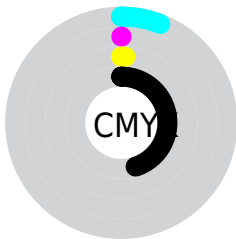
Distribution



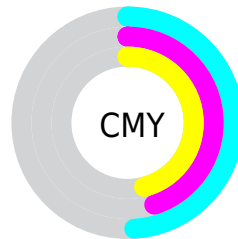
- Red (51%)
- Green (55%)
- Blue (54%)



- Red (51%)
- Yellow (53%)
- Blue (55%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)



- Cyan (49%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9539, 25.0172, 27.2859 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 22.9539, 25.0172, 27.2859 by changing the saturation by 10% instead.

■ 22.9539, 25.0172,
27.2859

■ 22.9539, 25.0172,
27.2859

260.0279,
277.9236, 302.8426

■ 14.6800, 16.0899,
17.5537

■ 47.7848, 51.6851,
56.3516

■ 8.6799, 9.5878,
10.4639

■ 65.0726, 70.1945,
76.5222

■ 4.5884, 5.1265,
5.5980

■ 86.0956, 92.6667,
101.0094

■ 2.0401, 2.3217,
2.5374

111.2193,
119.4861, 130.2317

■ 0.6564, 0.7851,
0.8599

140.8090,
151.0371, 164.6076

■ 0.0000, 0.0000,
0.0000

175.2301,

187.7041, 204.5557

214.8480,
229.8714, 250.4945

■ 22.9539, 25.0172,
27.2859

■ 22.9539, 25.0172,
27.2859

■ 20.7457, 23.9048,
26.0418

■ 25.4579, 26.2828,
28.5781

■ 18.8197, 22.9364,
24.8432

■ 28.2666, 27.7040,
29.9175

■ 17.1643, 22.1069,
23.6900

■ 31.3909, 29.2871,
31.3054

■ 15.7663, 21.4093,
22.5811

■ 34.8406, 31.0372,
32.7425

■ 14.6114, 20.8363,
21.5158

■ 38.6251, 32.9593,
34.2295

■ 13.6839, 20.3798,
20.4928

■ 42.7535, 35.0578,
35.7671

■ 12.9659, 20.0306,
19.5111

■ 47.2345, 37.3373,
37.3560

■ 12.4373, 19.7784,
18.5695

■ 52.0763, 39.8020,
38.9967

■ 12.0642, 19.6057,
17.6660

■ 57.2488, 42.4365,
40.6882

Harmonies

Analogous

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



23.0553, 25.0172, 26.1018



22.9539, 25.0172, 27.2859



23.0711, 25.0172, 28.4925

Triad

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



22.9539, 25.0172, 27.2859



24.2117, 25.0172, 29.3362



24.1833, 25.0172, 25.2011

Complementary

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



22.9539, 25.0172, 27.2859



22.7959, 23.1208, 25.0923

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.



24.4994, 25.0172, 26.0237



22.9539, 25.0172, 27.2859



24.5159, 25.0172, 28.4098

Square

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



22.9539, 25.0172, 27.2859



23.7943, 25.0172, 29.6982



24.6218, 25.0172, 27.1931



23.7619, 25.0172, 24.9203

Rectangle

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



22.9539, 25.0172, 27.2859



23.2583, 25.0172, 29.1414



24.6218, 25.0172, 27.1931



24.3056, 25.0172, 25.4221

Sweetspot

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



22.9546, 25.0183, 27.2865



43.0266, 45.7709, 49.8777



22.7940, 24.9916, 24.7420



9.9281, 10.5536, 11.5001



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.



22.9546, 25.0183, 27.2865



40.3975, 44.4438, 48.4786



22.7558, 24.3887, 27.9355



5.1260, 5.6699, 6.1847



10.7864, 17.6472, 15.6979



0.0771, 0.1194, 0.1329

Inverse Universe

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



22.7959, 23.1208, 25.0923



40.0427, 40.2027, 43.5743



22.9832, 23.7127, 24.4852



5.0755, 5.0656, 5.4859



9.8377, 5.0452, 1.6499



0.0701, 0.0354, 0.0357

Previews

White Background



This preview shows how the XYZ color 22.9539, 25.0172, 27.2859 looks on a white background.

Color Contrast Check

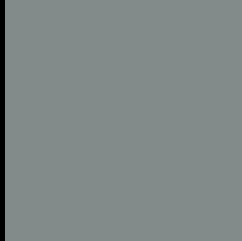
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9539, 25.0172, 27.2859 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

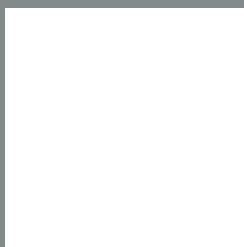
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9539, 25.0172, 27.2859

Background



This preview shows how black text looks on a background with the XYZ color 22.9539, 25.0172, 27.2859.



This preview shows how white text looks on a background with the XYZ color 22.9539, 25.0172,

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

22.9539, 25.0172, 27.2859

Protanopia

23.9926, 24.9330, 26.4697

Deuteranopia

25.3694, 24.9996, 27.5330



Tritanopia

23.8067, 24.9350, 31.5752

Trichromacy



Original Color

22.9539, 25.0172, 27.2859

Protanomaly

23.5429, 24.9031, 26.8585

Deuteranomaly

24.4067, 24.9137, 27.5672

Tritanomaly

23.4826, 25.0159, 29.9764

Monochromacy



Original Color

22.9539, 25.0172, 27.2859

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.2211, 24.7372, 26.8434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9539, 25.0172, 27.2859 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(130, 139, 137)` looks like.

```
.text, #text, p{  
    color:rgb(130, 139, 137)  
}
```

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(130, 139, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 139, 137) }
```

Border

The CSS property to change the border of an element to XYZ 22.9539, 25.0172, 27.2859 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(130, 139, 137) }
```


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

```
.border{ border-color:rgb(130, 139, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 139, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 139, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 139, 137); box-shadow:4px 4px 4px 4px rgb(130, 139, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9539, 25.0172, 27.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 139, 137) }
```

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

```
.background{ background-color: rgb(130,  
139, 137) }
```

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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