

Converting Colors

XYZ(24.5157, 25.5204, 28.1469)

Have a look what the booklet for
XYZ(24.5157, 25.5204, 28.1469)
contains.

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Color

**XYZ(24.5639, 25.6165,
28.0759)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8A8B
RGB	140, 138, 139
RGB Percent	55%, 54%, 55%
CMY	0.4510, 0.4588, 0.4549
CMYK	0.00, 0.01, 0.01, 0.45
HSL	330°, 1%, 55%
HSV	330°, 1%, 55%
XYZ	24.5639, 25.6165, 28.0759
YIQ	138.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

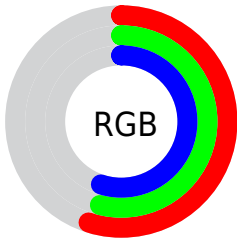
Format	Color
R_{YB}	140, 138, 139
Decimal	9210507
CIE Lab	57.67, 0.94, -0.28
CIE LCh	58, 0.978, 343.447
Yxy	25.6165, 0.3139, 0.3273
Android (android.graphics.Color)	4287400587 (0xFF8C8A8B)
YUV	138.7120, 0.1420, 1.1296
Hunter-Lab	50.6127, -1.9408, 2.5396

Details

The XYZ color **24.5639, 25.6165, 28.0759** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5205, 26.0242, 28.1582**, and the grayscale version is **24.4298, 25.7020, 27.9895**.

A 20% lighter version of the original color is **50.3934, 52.5367, 57.3538**, and **9.5093, 9.8744, 10.8559** is the 20% darker color. If you saturate the color by 10%, you get **22.1878, 21.6574, 24.8378**, and if you desaturate by 10%, it is **27.2333, 30.1088, 31.5744**.

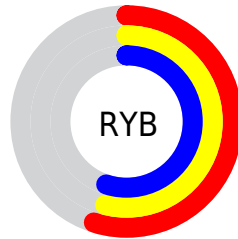
Distribution



Red (55%)

Green (54%)

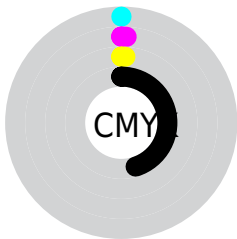
Blue (55%)



Red (55%)

Yellow (54%)

Blue (55%)

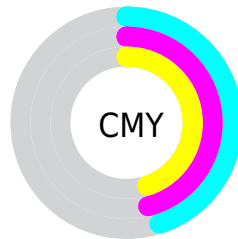


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (45%)



Cyan (45%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5639, 25.6165, 28.0759 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 24.5639, 25.6165, 28.0759 by changing the saturation by 10% instead.

■ 24.5639, 25.6165,
28.0759

■ 24.5639, 25.6165,
28.0759

268.0470,
280.8944, 306.7528

■ 15.8794, 16.5370,
18.1433

■ 50.3969, 52.6556,
57.6302

■ 9.5292, 9.9049,
10.8824

■ 68.2761, 71.3840,
78.0889

■ 5.1478, 5.3360,
5.8747

■ 89.9509, 94.0974,
102.8935

■ 2.3699, 2.4457,
2.7015

115.7867,
121.1803, 132.4625

■ 0.8301, 0.8493,
0.9442

146.1489,
153.0171, 167.2144

■ 0.0000, 0.0000,
0.0000

181.4028,

189.9921, 207.5677

221.9137,
232.4897, 253.9409

■ 24.5639, 25.6165,
28.0759

■ 24.5639, 25.6165,
28.0759

■ 22.1878, 21.6574,
24.8378

■ 27.2333, 30.1088,
31.5744

■ 20.0922, 18.2083,
21.8519

■ 30.2036, 35.1498,
35.3379

■ 18.2670, 15.2493,
19.1121

■ 33.4850, 40.7586,
39.3728

■ 16.7002, 12.7575,
16.6111

■ 37.0865, 46.9522,
43.6851

■ 15.3791, 10.7087,
14.3414

■ 41.0167, 53.7470,
48.2802

■ 14.2899, 9.0762,
12.2951

■ 45.2838, 61.1587,
53.1636

■ 13.4171, 7.8304,
10.4633

■ 49.8960, 69.2024,
58.3406

■ 12.7434, 6.9379,
8.8368

■ 54.8609, 77.8928,
63.8162

■ 12.2486, 6.3592,
7.4048

■ 57.2457, 81.3637,
68.6154

Harmonies

Analogous

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



24.5027, 25.6165, 28.3622



24.5639, 25.6165, 28.0759



24.5671, 25.6165, 27.7425

Triad

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



24.5639, 25.6165, 28.0759



24.2955, 25.6165, 27.2703



24.1848, 25.6165, 28.3372

Complementary

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



24.5639, 25.6165, 28.0759



24.5205, 26.0242, 28.1582

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.



24.1297, 25.6165, 28.0420



24.5639, 25.6165, 28.0759



24.1934, 25.6165, 27.4271

Square

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



24.5639, 25.6165, 28.0759



24.4118, 25.6165, 27.2792



24.1328, 25.6165, 27.7089



24.2837, 25.6165, 28.5139

Rectangle

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



24.5639, 25.6165, 28.0759



24.5358, 25.6165, 27.5386



24.1328, 25.6165, 27.7089



24.1606, 25.6165, 28.2485

Sweetspot

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



24.5646, 25.6176, 28.0765



43.9474, 46.2361, 50.3512



24.4705, 25.5606, 28.4553



10.1266, 10.6539, 11.6021



67.5393, 71.0566, 77.3807

Same Dimension

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



24.5646, 25.6176, 28.0765



43.0355, 44.7081, 49.1350



24.4921, 25.5886, 27.6943



5.5273, 5.7498, 6.3131



10.5996, 5.3499, 5.6616



0.0778, 0.0385, 0.0765

Inverse Universe

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



24.5646, 25.6176, 28.0765



43.0355, 44.7081, 49.1350



24.5937, 26.0535, 28.5439



5.5273, 5.7498, 6.3131



10.5996, 5.3499, 5.6616



0.0778, 0.0385, 0.0765

Previews

White Background



This preview shows how the XYZ color 24.5639, 25.6165, 28.0759 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 24.5639, 25.6165, 28.0759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

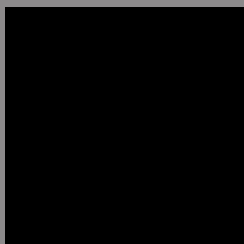
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

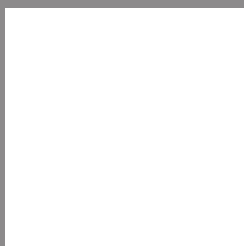
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5639, 25.6165, 28.0759

Background



This preview shows how black text looks on a background with the XYZ color 24.5639, 25.6165, 28.0759.



This preview shows how white text looks on a background with the XYZ color 24.5639, 25.6165,

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

24.5639, 25.6165, 28.0759

Protanopia

24.7332, 25.7038, 28.0838

Deuteranopia

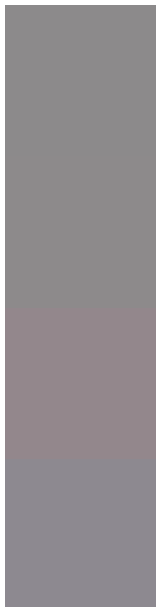
26.0212, 25.5230, 28.3659



Tritanopia

25.1966, 25.6606, 31.2288

Trichromacy



Original Color

24.5639, 25.6165, 28.0759

Protanomaly

24.7332, 25.7038, 28.0838

Deuteranomaly

25.4302, 25.4244, 28.3780

Tritanomaly

24.9642, 25.5677, 30.0049

Monochromacy



Original Color

24.5639, 25.6165, 28.0759

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.5403, 25.8183, 28.1161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5639, 25.6165, 28.0759 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(140, 138, 139)` looks like.

```
.text, #text, p{  
    color:rgb(140, 138, 139)  
}
```

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(140, 138, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 138, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.5639, 25.6165, 28.0759 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(140, 138, 139) }
```

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

```
.border{ border-color:rgb(140, 138, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 138, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 138, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 138, 139);  
box-shadow:4px 4px 4px 4px rgb(140, 138,  
139) }
```


Background

The CSS property to change the background color of an element to XYZ 24.5639, 25.6165, 28.0759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 138, 139) }
```

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

```
.background{ background-color: rgb(140,  
138, 139) }
```

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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