

Converting Colors

XYZ(24.4937, 26.7894, 28.1939)

Have a look what the booklet for
XYZ(24.4937, 26.7894, 28.1939)
contains.

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Color

**XYZ(24.6251, 26.9615,
28.3323)**

Conversions

Conversions Part 1

Format	Color
Hex	87908B
RGB	135, 144, 139
RGB Percent	53%, 56%, 55%
CMY	0.4706, 0.4353, 0.4549
CMYK	0.06, 0.00, 0.03, 0.44
HSL	147°, 4%, 55%
HSV	147°, 6%, 56%
XYZ	24.6251, 26.9615, 28.3323
YIQ	140.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

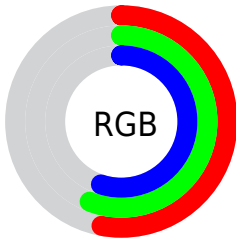
Format	Color
R_{YB}	135, 141, 144
Decimal	8884363
CIE Lab	58.94, -4.26, 1.52
CIE LCh	59, 4.525, 160.366
Yxy	26.9615, 0.3081, 0.3374
Android (android.graphics.Color)	4287074443 (0xFF87908B)
YUV	140.7390, -0.8573, -5.0331
Hunter-Lab	51.9245, -6.2145, 3.9959

Details

The XYZ color **24.6251, 26.9615, 28.3323** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9001, 25.1513, 28.3545**, and the grayscale version is **25.2202, 26.5336, 28.8951**.

A 20% lighter version of the original color is **50.4475, 54.8853, 57.8042**, and **9.5522, 10.6580, 11.0049** is the 20% darker color. If you saturate the color by 10%, you get **21.8997, 25.6224, 25.2639**, and if you desaturate by 10%, it is **27.7082, 28.4816, 31.6420**.

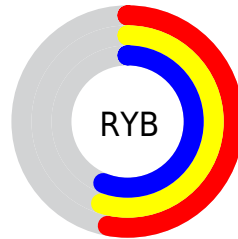
Distribution



Red (53%)

Green (56%)

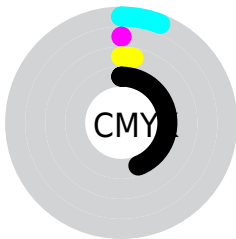
Blue (55%)



Red (53%)

Yellow (55%)

Blue (56%)

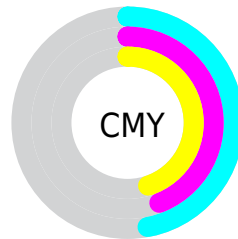


Cyan (6%)

Magenta (0%)

Yellow (3%)

Black (44%)



Cyan (47%)

Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6251, 26.9615, 28.3323 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 24.6251, 26.9615, 28.3323 by changing the saturation by 10% instead.

■ 24.6251, 26.9615,
28.3323

■ 24.6251, 26.9615,
28.3323

268.3479,
287.4707, 308.0131

■ 15.9252, 17.5443,
18.3351

■ 50.4957, 54.8221,
58.0440

■ 9.5618, 10.6233,
11.0189

■ 68.3970, 74.0343,
78.5956

■ 5.1694, 5.8142,
5.9652

■ 90.0963, 97.2802,
103.5024

■ 2.3828, 2.7324,
2.7555

115.9587,
124.9444, 133.1829

■ 0.8365, 0.9937,
0.9712

146.3498,
157.4111, 168.0557

■ 0.0000, 0.0000,
0.0000

181.6348,

195.0648, 208.5393

222.1790,
238.2898, 255.0522

■ 24.6251, 26.9615,
28.3323

■ 24.6251, 26.9615,
28.3323

■ 21.8997, 25.6224,
25.2639

■ 27.7082, 28.4816,
31.6420

■ 19.5165, 24.4540,
22.4296

■ 31.1594, 30.1857,
35.1964

■ 17.4617, 23.4503,
19.8245

■ 34.9916, 32.0810,
39.0011

■ 15.7202, 22.6034,
17.4428

■ 39.2162, 34.1734,
43.0611

■ 14.2754, 21.9050,
15.2783

■ 43.8442, 36.4684,
47.3810

■ 13.1091, 21.3458,
13.3248

■ 48.8862, 38.9714,
51.9655

■ 12.2010, 20.9154,
11.5755

■ 54.3523, 41.6875,
56.8190

■ 11.5278, 20.6020,
10.0234

■ 60.2523, 44.6217,
61.9460

■ 11.0541, 20.3875,
8.6606

■ 62.9737, 45.9115,
67.1812

Harmonies

Analogous

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



24.9349, 26.9615, 27.0687



24.6251, 26.9615, 28.3323



24.5813, 26.9615, 29.9150

Triad

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



24.6251, 26.9615, 28.3323



25.8204, 26.9615, 32.4961



26.4554, 26.9615, 27.4039

Complementary

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



24.6251, 26.9615, 28.3323



24.9001, 25.1513, 28.3545

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.



26.7001, 26.9615, 28.8050



24.6251, 26.9615, 28.3323



26.3299, 26.9615, 31.7697

Square

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



24.6251, 26.9615, 28.3323



25.2659, 26.9615, 32.3583



26.6539, 26.9615, 30.4051



25.9897, 26.9615, 26.5463

Rectangle

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



24.6251, 26.9615, 28.3323



24.7081, 26.9615, 30.9434



26.6539, 26.9615, 30.4051



26.5666, 26.9615, 27.8248

Sweetspot

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



24.6259, 26.9626, 28.3329



45.6432, 48.6423, 52.3753



25.1795, 27.2812, 26.8606



10.4831, 11.1627, 12.0282



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.



24.6259, 26.9626, 28.3329



42.4647, 47.0773, 48.9025



24.9541, 27.0940, 30.0615



5.4362, 6.0667, 6.2630



9.5019, 17.6966, 7.1973



0.1017, 0.1735, 0.1257

Inverse Universe

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



24.9001, 25.1513, 28.3545



43.0886, 42.9576, 48.9515



24.5819, 25.0240, 26.6786



5.5264, 5.4711, 6.2701



11.2891, 5.6727, 7.1740



0.1190, 0.0587, 0.1271

Previews

White Background



This preview shows how the XYZ color 24.6251, 26.9615, 28.3323 looks on a white background.

Color Contrast Check

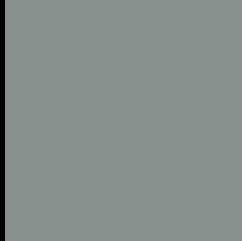
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6251, 26.9615, 28.3323 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

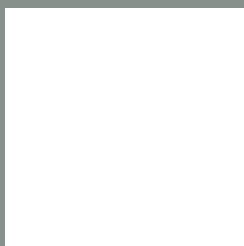
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6251, 26.9615, 28.3323

Background



This preview shows how black text looks on a background with the XYZ color 24.6251, 26.9615, 28.3323.



This preview shows how white text looks on a background with the XYZ color 24.6251, 26.9615,

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

24.6251, 26.9615, 28.3323

Protanopia

25.7173, 26.8756, 27.4990

Deuteranopia

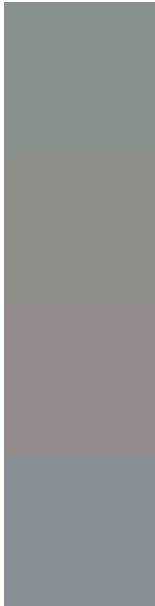
27.3896, 26.8527, 28.5504



Tritanopia

25.7393, 26.9643, 33.9850

Trichromacy



Original Color

24.6251, 26.9615, 28.3323

Protanomaly

25.2450, 26.8437, 27.8956

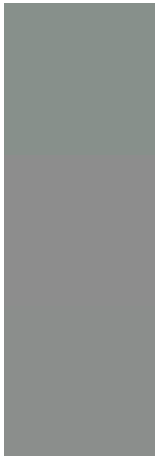
Deuteranomaly

26.3245, 26.9455, 28.6245

Tritanomaly

25.3211, 27.0173, 31.8973

Monochromacy



Original Color

24.6251, 26.9615, 28.3323

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0541, 26.7284, 28.6496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6251, 26.9615, 28.3323 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(135, 144, 139)` looks like.

```
.text, #text, p{  
    color:rgb(135, 144, 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(135, 144, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 144, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.6251, 26.9615, 28.3323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

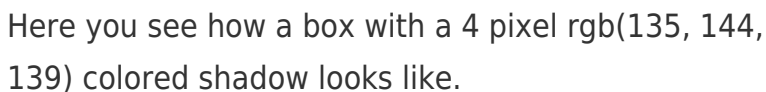
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 144, 139) }
```


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

```
.border{ border-color:rgb(135, 144, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 144, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 144, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 144, 139); box-shadow:4px 4px 4px 4px rgb(135, 144, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6251, 26.9615, 28.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 144, 139) }
```

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

```
.background{ background-color: rgb(135,  
144, 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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