

Converting Colors

XYZ(25.6901, 25.9699, 19.2818)

Have a look what the booklet for
XYZ(25.6901, 25.9699, 19.2818)
contains.

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Color

**XYZ(25.6894, 25.9687,
19.2813)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8871
RGB	157, 136, 113
RGB Percent	62%, 53%, 44%
CMY	0.3843, 0.4667, 0.5569
CMYK	0.00, 0.13, 0.28, 0.38
HSL	31°, 18%, 53%
HSV	31°, 28%, 62%
XYZ	25.6894, 25.9687, 19.2813
YIQ	139.6570, 19.8990, -2.7010

Conversions

Conversions Part 2

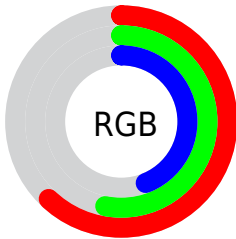
Format	Color
R_{YB}	153, 157, 113
Decimal	10324081
CIE _{Lab}	58.01, 4.28, 15.29
CIE _{LCh}	58, 15.876, 74.359
Yxy	25.9687, 0.3621, 0.3661
Android (android.graphics.Color)	4288514161 (0xFF9D8871)
YUV	139.6570, -13.1419, 15.2098
Hunter-Lab	50.9595, 0.8053, 13.2384

Details

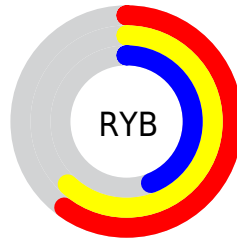
The XYZ color **25.6894, 25.9687, 19.2813** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.4207, 22.9945, 35.2076**, and the grayscale version is **24.8387, 26.1322, 28.4580**.

A 20% lighter version of the original color is **52.1405, 53.1089, 43.1002**, and **10.1076, 10.0405, 6.4063** is the 20% darker color. If you saturate the color by 10%, you get **23.8625, 23.6091, 14.6824**, and if you desaturate by 10%, it is **27.7443, 28.5393, 24.7113**.

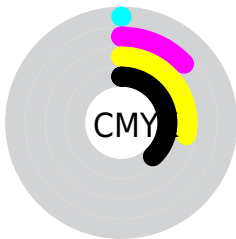
Distribution



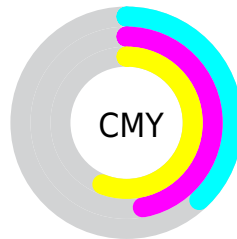
- Red (62%)
- Green (53%)
- Blue (44%)



- Red (60%)
- Yellow (62%)
- Blue (44%)



- Cyan (0%)
- Magenta (13%)
- Yellow (28%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6894, 25.9687, 19.2813 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 25.6894, 25.9687, 19.2813 by changing the saturation by 10% instead.

■ 25.6894, 25.9687,
19.2813

■ 25.6894, 25.9687,
19.2813

273.5388,
282.6284, 260.4716

■ 16.7229, 16.8002,
11.6948

■ 52.2083, 53.2244,
43.0519

■ 10.1312, 10.0922,
6.4162

■ 70.4914, 72.0805,
60.0731

■ 5.5490, 5.4601,
3.0269

■ 92.6108, 94.9346,
81.0764

■ 2.6108, 2.5197,
1.1084

■ 118.9318,
122.1710, 106.4802

■ 0.9515, 0.8865,
0.0000

149.8197,
154.1742, 136.7030

■ 0.0000, 0.0000,
0.0000

185.6399,

191.3286, 172.1635

226.7578,
234.0185, 213.2802

■ 25.6894, 25.9687,
19.2813

■ 25.6894, 25.9687,
19.2813

■ 23.8625, 23.6091,
14.6824

■ 27.7443, 28.5393,
24.7113

■ 22.2523, 21.4510,
10.8710

■ 30.0341, 31.3233,
31.0097

■ 20.8494, 19.4888,
7.8019

■ 32.5675, 34.3275,
38.2135

■ 19.6425, 17.7158,
5.4246

■ 35.3525, 37.5570,
46.3572

■ 18.6195, 16.1242,
3.6825

■ 38.3965, 41.0170,
55.4733

■ 17.7661, 14.7057,
2.5093

■ 41.7065, 44.7126,
65.5928

■ 17.0580, 13.4476,
1.7857

■ 45.2895, 48.6483,
76.7453

■ 16.9280, 13.2149,
1.6585

■ 49.1520, 52.8290,
88.9592

■ 53.3002, 57.2589,
102.2619

Harmonies

Analogous

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



27.4121, 25.9687, 21.5198



25.6894, 25.9687, 19.2813



23.7798, 25.9687, 19.2340

Triad

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



25.6894, 25.9687, 19.2813



21.2818, 25.9687, 30.9745



27.3497, 25.9687, 36.5125

Complementary

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



25.6894, 25.9687, 19.2813



21.4207, 22.9945, 35.2076

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.



25.6077, 25.9687, 39.7817



25.6894, 25.9687, 19.2813



22.1403, 25.9687, 36.3149

Square

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



25.6894, 25.9687, 19.2813



21.3011, 25.9687, 25.5245



23.7022, 25.9687, 39.7051



28.4040, 25.9687, 31.2174

Rectangle

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



25.6894, 25.9687, 19.2813



22.6605, 25.9687, 20.4272



23.7022, 25.9687, 39.7051



26.8213, 25.9687, 37.9135

Sweetspot

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



25.6901, 25.9699, 19.2818



53.7323, 56.0301, 55.3792



24.1316, 20.7073, 25.3772



11.6895, 12.1679, 11.8120



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.6901, 25.9699, 19.2818



43.7941, 43.6654, 28.9091



28.7996, 32.4007, 20.3592



6.9056, 7.1911, 7.0097



13.7860, 10.8076, 1.3595



0.2887, 0.2777, 0.0384

Inverse Universe

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



21.4207, 22.9945, 35.2076



34.7872, 37.3893, 62.5101



18.8960, 17.8045, 34.3389



6.5327, 6.9313, 8.4002



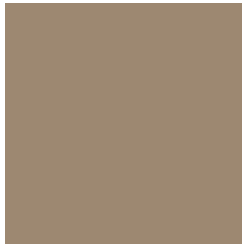
7.0185, 6.1286, 26.7203



0.1676, 0.1938, 0.4918

Previews

White Background



This preview shows how the XYZ color 25.6894, 25.9687, 19.2813 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 25.6894, 25.9687, 19.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

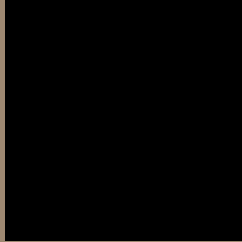
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6894, 25.9687, 19.2813

Background



This preview shows how black text looks on a background with the XYZ color 25.6894, 25.9687, 19.2813.



This preview shows how white text looks on a background with the XYZ color 25.6894, 25.9687,

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

25.6894, 25.9687, 19.2813

Protanopia

24.5399, 25.9989, 19.9446

Deuteranopia

26.4060, 25.9238, 19.2348



Tritanopia

27.6310, 25.9291, 29.1397

Trichromacy



Original Color

25.6894, 25.9687, 19.2813

Protanomaly

24.8882, 25.9712, 19.6208

Deuteranomaly

26.1418, 25.9938, 19.2623

Tritanomaly

26.7823, 25.7847, 25.0381

Monochromacy



Original Color

25.6894, 25.9687, 19.2813

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.1159, 26.1879, 24.8501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6894, 25.9687, 19.2813 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(157, 136, 113)` looks like.

```
.text, #text, p{  
    color:rgb(157, 136, 113)  
}
```

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(157, 136, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 136, 113) }
```

Border

The CSS property to change the border of an element to XYZ 25.6894, 25.9687, 19.2813 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(157, 136, 113) }
```


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

```
.border{ border-color:rgb(157, 136, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 136, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 136, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 136, 113);  
box-shadow:4px 4px 4px 4px rgb(157, 136,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6894, 25.9687, 19.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 136, 113) }
```

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

```
.background{ background-color: rgb(157,  
136, 113) }
```

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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