

Converting Colors

XYZ(25.4894, 27.8707, 17.6718)

Have a look what the booklet for
XYZ(25.4894, 27.8707, 17.6718)
contains.

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Color

**XYZ(25.4894, 27.8707,
17.6718)**

Conversions

Conversions Part 1

Format	Color
Hex	97916A
RGB	151, 145, 106
RGB Percent	59%, 57%, 42%
CMY	0.4078, 0.4314, 0.5843
CMYK	0.00, 0.04, 0.30, 0.41
HSL	52°, 18%, 50%
HSV	52°, 30%, 59%
XYZ	25.4894, 27.8707, 17.6718
YIQ	142.3480, 16.0950, -10.8570

Conversions

Conversions Part 2

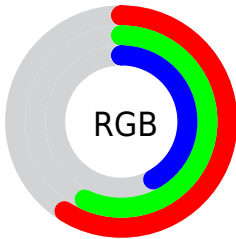
Format	Color
R_{YB}	113, 151, 106
Decimal	9933162
CIE _{Lab}	59.77, -4.17, 21.55
CIE _{LCh}	60, 21.945, 100.944
Yxy	27.8707, 0.3588, 0.3924
Android (android.graphics.Color)	4288123242 (0xFF97916A)
YUV	142.3480, -17.9196, 7.5878
Hunter-Lab	52.7927, -6.2038, 17.1082

Details

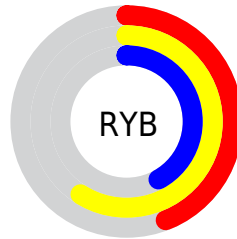
The XYZ color **25.4894, 27.8707, 17.6718** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.3238, 16.8864, 31.6246**, and the grayscale version is **25.9140, 27.2635, 29.6900**.

A 20% lighter version of the original color is **52.0486, 56.4373, 40.4980**, and **10.0015, 11.1426, 5.6266** is the 20% darker color. If you saturate the color by 10%, you get **24.4678, 26.9754, 13.7924**, and if you desaturate by 10%, it is **26.6561, 28.8347, 22.2825**.

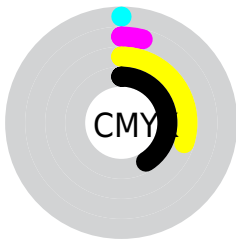
Distribution



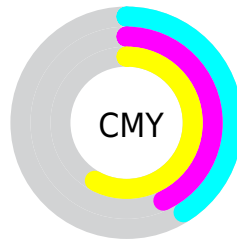
- Red (59%)
- Green (57%)
- Blue (42%)



- Red (44%)
- Yellow (59%)
- Blue (42%)



- Cyan (0%)
- Magenta (4%)
- Yellow (30%)
- Black (41%)



- Cyan (41%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4894, 27.8707, 17.6718 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 25.4894, 27.8707, 17.6718 by changing the saturation by 10% instead.

■ 25.4894, 27.8707,
17.6718

■ 25.4894, 27.8707,
17.6718

272.5694,
291.8486, 251.1883

■ 16.5727, 18.2282,
10.5476

■ 51.8873, 56.2779,
40.2836

■ 10.0237, 11.1140,
5.6532

■ 70.0992, 75.8115,
56.6084

■ 5.4771, 6.1435,
2.5700

■ 92.1402, 99.4108,
76.8370

■ 2.5674, 2.9326,
0.8769

■ 118.3756,
127.4604, 101.3882

■ 0.9294, 1.0966,
0.0000

149.1710,
160.3446, 130.6803

■ 0.0000, 0.0000,
0.0000

184.8914,

198.4477, 165.1320

225.9025,
242.1542, 205.1618

■ 25.4894, 27.8707,
17.6718

■ 25.4894, 27.8707,
17.6718

■ 24.4678, 26.9754,
13.7924

■ 26.6561, 28.8347,
22.2825

■ 23.5820, 26.1421,
10.6043

■ 27.9727, 29.8664,
27.6581

■ 22.8247, 25.3689,
8.0665

■ 29.4460, 30.9697,
33.8324

■ 22.1872, 24.6521,
6.1327

■ 31.0822, 32.1469,
40.8365

■ 21.6594, 23.9878,
4.7507

■ 32.8866, 33.4003,
48.6999

■ 21.2298, 23.3712,
3.8592

■ 34.8649, 34.7322,
57.4506

■ 20.8696, 22.7909,
3.3078

■ 37.0219, 36.1445,
67.1154

■ 20.8626, 22.7794,
3.2973

■ 39.3627, 37.6394,
77.7199

■ 41.8920, 39.2187,
89.2888

Harmonies

Analogous

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



28.2722, 27.8707, 18.0652



25.4894, 27.8707, 17.6718



23.1428, 27.8707, 20.1986

Triad

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



25.4894, 27.8707, 17.6718



22.6580, 27.8707, 41.5119



31.8648, 27.8707, 35.6184

Complementary

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



25.4894, 27.8707, 17.6718



17.3238, 16.8864, 31.6246

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.



30.1459, 27.8707, 43.4258



25.4894, 27.8707, 17.6718



24.7848, 27.8707, 47.2179

Square

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



25.4894, 27.8707, 17.6718



21.5858, 27.8707, 33.3433



27.5170, 27.8707, 47.9738



32.0865, 27.8707, 27.5348

Rectangle

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



25.4894, 27.8707, 17.6718



22.0913, 27.8707, 23.5086



27.5170, 27.8707, 47.9738



31.4376, 27.8707, 38.3962

Sweetspot

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



25.4901, 27.8720, 17.6724



50.2510, 53.6059, 50.1760



20.8414, 18.0575, 17.7166



11.3445, 12.1251, 11.0862



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.4901, 27.8720, 17.6724



44.3560, 48.7918, 26.7051



23.5797, 28.2835, 17.8525



6.6387, 7.0825, 6.6230



17.7632, 19.4088, 2.8101



0.2826, 0.3242, 0.0477

Inverse Universe

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



17.3238, 16.8864, 31.6246



27.2340, 25.7627, 55.9710



18.8372, 16.7169, 31.5121



5.9476, 6.1525, 7.8031



4.9797, 2.3561, 25.1000



0.0895, 0.0653, 0.3803

Previews

White Background



This preview shows how the XYZ color 25.4894, 27.8707, 17.6718 looks on a white background.

Color Contrast Check

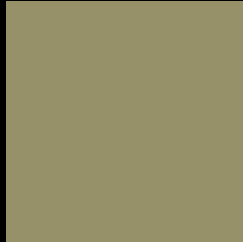
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4894, 27.8707, 17.6718 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

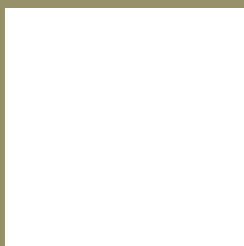
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4894, 27.8707, 17.6718

Background



This preview shows how black text looks on a background with the XYZ color 25.4894, 27.8707, 17.6718.



This preview shows how white text looks on a background with the XYZ color 25.4894, 27.8707,

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

25.4894, 27.8707, 17.6718

Protanopia

26.0406, 27.9350, 17.3841

Deuteranopia

28.3199, 27.7845, 17.7803



Tritanopia

28.4479, 27.7352, 32.7082

Trichromacy



Original Color

25.4894, 27.8707, 17.6718

Protanomaly

25.8495, 27.8365, 17.3752

Deuteranomaly

27.2830, 27.8978, 17.8568

Tritanomaly

27.1544, 27.6410, 26.4583

Monochromacy



Original Color

25.4894, 27.8707, 17.6718

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4620, 27.2496, 24.6866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4894, 27.8707, 17.6718 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(151, 145, 106)` looks like.

```
.text, #text, p{  
    color:rgb(151, 145, 106)  
}
```

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(151, 145, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 145, 106) }
```

Border

The CSS property to change the border of an element to XYZ 25.4894, 27.8707, 17.6718 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(151, 145, 106) }
```


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

```
.border{ border-color:rgb(151, 145, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 145, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 145, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 145, 106);  
box-shadow:4px 4px 4px 4px rgb(151, 145,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4894, 27.8707, 17.6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 145, 106) }
```

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

```
.background{ background-color: rgb(151,  
145, 106) }
```

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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