

Converting Colors

XYZ(25.9411, 27.7866, 21.7654)

Have a look what the booklet for
XYZ(25.9411, 27.7866, 21.7654)
contains.

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Color

**XYZ(25.9411, 27.7866,
21.7654)**

Conversions

Conversions Part 1

Format	Color
Hex	969078
RGB	150, 144, 120
RGB Percent	59%, 56%, 47%
CMY	0.4118, 0.4353, 0.5294
CMYK	0.00, 0.04, 0.20, 0.41
HSL	48°, 12%, 53%
HSV	48°, 20%, 59%
XYZ	25.9411, 27.7866, 21.7654
YIQ	143.0580, 11.2800, -6.1920

Conversions

Conversions Part 2

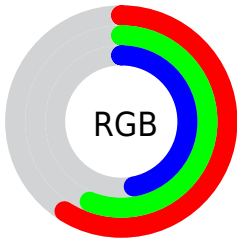
Format	Color
R_{YB}	128, 150, 120
Decimal	9867384
CIE _{Lab}	59.70, -1.94, 13.57
CIE _{LCh}	60, 13.707, 98.153
Yxy	27.7866, 0.3436, 0.3681
Android (android.graphics.Color)	4288057464 (0xFF969078)
YUV	143.0580, -11.3676, 6.0881
Hunter-Lab	52.7130, -4.4044, 12.4180

Details

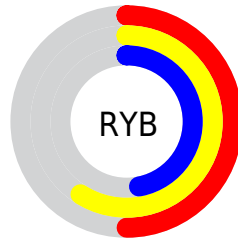
The XYZ color **25.9411, 27.7866, 21.7654** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.7115, 21.1163, 31.8386**, and the grayscale version is **26.1730, 27.5360, 29.9867**.

A 20% lighter version of the original color is **52.5423, 56.2041, 47.1089**, and **10.2856, 11.1130, 7.5641** is the 20% darker color. If you saturate the color by 10%, you get **24.6533, 26.5554, 17.1912**, and if you desaturate by 10%, it is **27.3851, 29.1015, 27.0959**.

Distribution



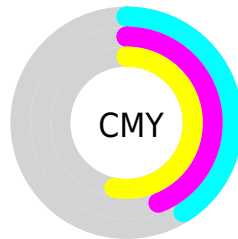
- Red (59%)
- Green (56%)
- Blue (47%)



- Red (50%)
- Yellow (59%)
- Blue (47%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (41%)



- Cyan (41%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9411, 27.7866, 21.7654 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 25.9411, 27.7866, 21.7654 by changing the saturation by 10% instead.

■ 25.9411, 27.7866,
21.7654

■ 25.9411, 27.7866,
21.7654

274.7548,
291.4458, 274.2321

■ 16.9120, 18.1649,
13.4880

■ 52.6119, 56.1436,
47.2552

■ 10.2667, 11.0684,
7.6307

■ 70.9843, 75.6476,
65.3045

■ 5.6398, 6.1129,
3.7752

■ 93.2019, 99.2144,
87.4483

■ 2.6659, 2.9138,
1.5029

119.6300,
127.2286, 114.1051

■ 0.9796, 1.0869,
0.2201

150.6340,
160.0744, 145.6932

■ 0.0000, 0.0000,
0.0000

186.5793,

198.1363, 182.6315

227.8311,
241.7986, 225.3382

■ 25.9411, 27.7866,
21.7654

■ 25.9411, 27.7866,
21.7654

■ 24.6533, 26.5554,
17.1912

■ 27.3851, 29.1015,
27.0959

■ 23.5128, 25.4012,
13.3368

■ 28.9893, 30.4990,
33.2137

■ 22.5130, 24.3224,
10.1649

■ 30.7605, 31.9829,
40.1500

■ 21.6460, 23.3156,
7.6346

■ 32.7042, 33.5555,
47.9339

■ 20.9032, 22.3771,
5.7002

■ 34.8257, 35.2191,
56.5931

■ 20.2747, 21.5029,
4.3102

■ 37.1301, 36.9759,
66.1538

■ 19.7488, 20.6882,
3.4043

■ 39.6224, 38.8280,
76.6415

■ 19.2962, 19.9210,
2.8281

■ 42.3072, 40.7774,
88.0803

■ 19.2962, 19.9209,
2.8281

■ 45.1887, 42.8259,
100.4923

Harmonies

Analogous

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



27.6685, 27.7866, 22.2412



25.9411, 27.7866, 21.7654



24.4069, 27.7866, 23.3606

Triad

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



25.9411, 27.7866, 21.7654



23.8783, 27.7866, 36.5343



29.6219, 27.7866, 33.9429

Complementary

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



25.9411, 27.7866, 21.7654



20.7115, 21.1163, 31.8386

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.



28.5204, 27.7866, 38.3874



25.9411, 27.7866, 21.7654



25.1909, 27.7866, 39.9937

Square

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



25.9411, 27.7866, 21.7654



23.2505, 27.7866, 31.6270



26.8852, 27.7866, 40.7066



29.8442, 27.7866, 28.9230

Rectangle

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



25.9411, 27.7866, 21.7654



23.6825, 27.7866, 25.4984



26.8852, 27.7866, 40.7066



29.3400, 27.7866, 35.5689

Sweetspot

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



25.9418, 27.7878, 21.7660



49.3928, 52.2968, 51.8402



23.0603, 21.4237, 22.6588



10.9110, 11.5589, 11.3550



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.9418, 27.7878, 21.7660



44.7310, 48.0487, 34.6391



25.2813, 28.8317, 22.0023



6.1680, 6.5498, 6.1796



16.0265, 16.5673, 2.3531



0.2163, 0.2430, 0.0355

Inverse Universe

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



20.7115, 21.1163, 31.8386



33.7864, 34.0897, 55.7205



21.2751, 20.3025, 31.6518



5.5878, 5.8096, 7.2966



4.9698, 2.6345, 24.1776



0.0780, 0.0666, 0.3016

Previews

White Background



This preview shows how the XYZ color 25.9411, 27.7866, 21.7654 looks on a white background.

Color Contrast Check

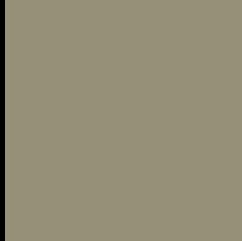
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9411, 27.7866, 21.7654 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

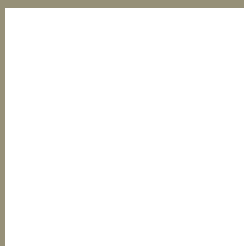
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9411, 27.7866, 21.7654

Background



This preview shows how black text looks on a background with the XYZ color 25.9411, 27.7866, 21.7654.



This preview shows how white text looks on a background with the XYZ color 25.9411, 27.7866,

21.7654.

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

25.9411, 27.7866, 21.7654

Protanopia

26.1615, 27.6764, 21.7325

Deuteranopia

28.2656, 27.6644, 21.9392



Tritanopia

28.2904, 27.8606, 33.1647

Trichromacy



Original Color

25.9411, 27.7866, 21.7654

Protanomaly

25.9751, 27.5803, 21.7238

Deuteranomaly

27.3265, 27.6102, 21.9782

Tritanomaly

27.3954, 27.7155, 28.7167

Monochromacy



Original Color

25.9411, 27.7866, 21.7654

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.0497, 27.5052, 26.8577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9411, 27.7866, 21.7654 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(150, 144, 120)` looks like.

```
.text, #text, p{  
    color:rgb(150, 144, 120)  
}
```

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(150, 144, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 144, 120) }
```

Border

The CSS property to change the border of an element to XYZ 25.9411, 27.7866, 21.7654 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(150, 144, 120) }
```


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

```
.border{ border-color:rgb(150, 144, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 144, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 144, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 144, 120);  
box-shadow:4px 4px 4px 4px rgb(150, 144,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9411, 27.7866, 21.7654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 144, 120) }
```

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

```
.background{ background-color: rgb(150,  
144, 120) }
```

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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