

Converting Colors

XYZ(24.5737, 27.8523, 20.0548)

Have a look what the booklet for
XYZ(24.5737, 27.8523, 20.0548)
contains.

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Color

**XYZ(24.4555, 27.7451,
19.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9372
RGB	141, 147, 114
RGB Percent	55%, 58%, 45%
CMY	0.4471, 0.4235, 0.5529
CMYK	0.04, 0.00, 0.22, 0.42
HSL	71°, 13%, 51%
HSV	71°, 22%, 58%
XYZ	24.4555, 27.7451, 19.9860
YIQ	141.4440, 7.0170, -11.5350

Conversions

Conversions Part 2

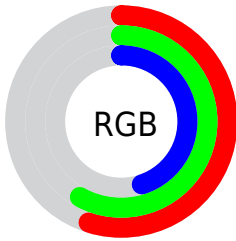
Format	Color
RYB	114, 147, 120
Decimal	9278322
CIELab	59.66, -8.09, 16.78
CIELCh	60, 18.632, 115.751
Yxy	27.7451, 0.3388, 0.3844
Android (android.graphics.Color)	4287468402 (0xFF8D9372)
YUV	141.4440, -13.5299, -0.3894
Hunter-Lab	52.6736, -9.3042, 14.3751

Details

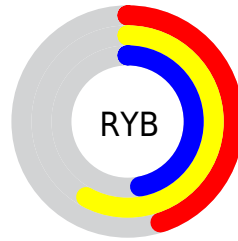
The XYZ color **24.4555, 27.7451, 19.9860** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.0306, 18.1351, 30.1027**, and the grayscale version is **25.5421, 26.8723, 29.2639**.

A 20% lighter version of the original color is **50.2753, 56.1286, 44.2605**, and **9.4806, 10.9832, 6.7746** is the 20% darker color. If you saturate the color by 10%, you get **23.2362, 27.2064, 15.9066**, and if you desaturate by 10%, it is **25.8218, 28.3457, 24.7754**.

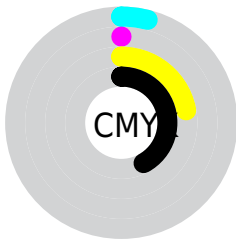
Distribution



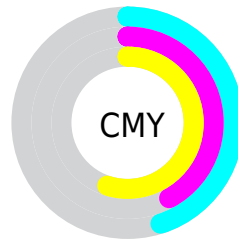
- Red (55%)
- Green (58%)
- Blue (45%)



- Red (45%)
- Yellow (58%)
- Blue (47%)



- Cyan (4%)
- Magenta (0%)
- Yellow (22%)
- Black (42%)



- Cyan (45%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4555, 27.7451, 19.9860 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 24.4555, 27.7451, 19.9860 by changing the saturation by 10% instead.

■ 24.4555, 27.7451,
19.9860

■ 24.4555, 27.7451,
19.9860

267.5133,
291.2469, 264.4410

■ 15.7984, 18.1336,
12.2009

■ 50.2218, 56.0772,
44.2524

■ 9.4716, 11.0459,
6.7564

■ 68.0617, 75.5666,
61.5707

■ 5.1096, 6.0977,
3.2341

■ 89.6932, 99.1175,
82.9039

■ 2.3471, 2.9046,
1.2154

■ 115.4818,
127.1141, 108.6704

■ 0.8186, 1.0821,
0.0000

145.7927,
159.9410, 139.2889

■ 0.0000, 0.0000,
0.0000

180.9914,

197.9825, 175.1778

221.4431,
241.6230, 216.7556

■ 24.4555, 27.7451,
19.9860

■ 24.4555, 27.7451,
19.9860

■ 23.2362, 27.2064,
15.9066

■ 25.8218, 28.3457,
24.7754

■ 22.1551, 26.7233,
12.5018

■ 27.3389, 29.0070,
30.3046

■ 21.2060, 26.2943,
9.7355

■ 29.0133, 29.7325,
36.6038

■ 20.3813, 25.9163,
7.5677

■ 30.8503, 30.5243,
43.7010

■ 19.6723, 25.5858,
5.9540

■ 32.8551, 31.3846,
51.6229

■ 19.0695, 25.2989,
4.8437

■ 35.0326, 32.3152,
60.3947

■ 18.5612, 25.0512,
4.1767

■ 37.3874, 33.3181,
70.0407

■ 18.2165, 24.8805,
3.8423

■ 39.9241, 34.3950,
80.5844

■ 42.6469, 35.5478,
92.0480

Harmonies

Analogous

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



26.7072, 27.7451, 19.0519



24.4555, 27.7451, 19.9860



22.8084, 27.7451, 23.4943

Triad

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



24.4555, 27.7451, 19.9860



23.9080, 27.7451, 42.2229



31.1401, 27.7451, 31.1791

Complementary

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



24.4555, 27.7451, 19.9860



19.0306, 18.1351, 30.1027

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.



30.2863, 27.7451, 38.0963



24.4555, 27.7451, 19.9860



26.0374, 27.7451, 45.0451

Square

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



24.4555, 27.7451, 19.9860



22.5057, 27.7451, 36.1899



28.3838, 27.7451, 43.4333



30.6551, 27.7451, 24.9275

Rectangle

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



24.4555, 27.7451, 19.9860



22.2281, 27.7451, 27.1341



28.3838, 27.7451, 43.4333



30.9989, 27.7451, 33.5093

Sweetspot

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



24.4562, 27.7463, 19.9866



47.6478, 51.3747, 49.4521



21.7274, 20.7317, 18.7765



10.8452, 11.7139, 11.1732



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.



24.4562, 27.7463, 19.9866



42.6480, 49.1804, 31.9064



21.9294, 26.4437, 19.8683



6.1631, 6.6919, 6.2073



15.8107, 21.5786, 3.3318



0.2152, 0.2753, 0.0418

Inverse Universe

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



19.0306, 18.1351, 30.1027



31.1486, 28.8058, 53.3530



21.4381, 19.3761, 30.2154



5.5921, 5.6807, 7.2715



4.9679, 2.0336, 24.0617



0.0791, 0.0343, 0.2954

Previews

White Background



This preview shows how the XYZ color 24.4555, 27.7451, 19.9860 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 24.4555, 27.7451, 19.9860 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

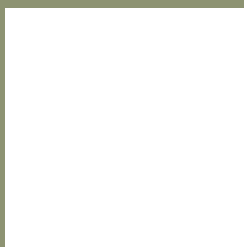
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4555, 27.7451, 19.9860

Background



This preview shows how black text looks on a background with the XYZ color 24.4555, 27.7451, 19.9860.



This preview shows how white text looks on a background with the XYZ color 24.4555, 27.7451,

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

24.4555, 27.7451, 19.9860

Protanopia

25.8840, 27.5871, 19.2898

Deuteranopia

28.1772, 27.6534, 20.3755



Tritanopia

27.2768, 27.7569, 34.0570

Trichromacy



Original Color

24.4555, 27.7451, 19.9860

Protanomaly

25.3483, 27.5283, 19.6003

Deuteranomaly

26.7199, 27.5567, 20.1303

Tritanomaly

26.1351, 27.7399, 28.4030

Monochromacy



Original Color

24.4555, 27.7451, 19.9860

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.9037, 26.9463, 25.3613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4555, 27.7451, 19.9860 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(141, 147, 114)` looks like.

```
.text, #text, p{  
    color:rgb(141, 147, 114)  
}
```

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(141, 147, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 147, 114) }
```

Border

The CSS property to change the border of an element to XYZ 24.4555, 27.7451, 19.9860 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(141, 147, 114) }
```


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

```
.border{ border-color:rgb(141, 147, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 147, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 147, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 147, 114);  
box-shadow:4px 4px 4px 4px rgb(141, 147,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4555, 27.7451, 19.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 147, 114) }
```

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

```
.background{ background-color: rgb(141,  
147, 114) }
```

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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