

Converting Colors

XYZ(24.8789, 27.9460, 18.3368)

Have a look what the booklet for
XYZ(24.8789, 27.9460, 18.3368)
contains.

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Color

**XYZ(24.8175, 27.9699,
18.2781)**

Conversions

Conversions Part 1

Format	Color
Hex	91936C
RGB	145, 147, 108
RGB Percent	57%, 58%, 42%
CMY	0.4314, 0.4235, 0.5765
CMYK	0.01, 0.00, 0.27, 0.42
HSL	63°, 15%, 50%
HSV	63°, 27%, 58%
XYZ	24.8175, 27.9699, 18.2781
YIQ	141.9560, 11.3270, -12.5530

Conversions

Conversions Part 2

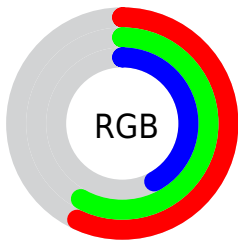
Format	Color
R_{YB}	108, 147, 110
Decimal	9540460
CIE _{Lab}	59.86, -7.41, 20.47
CIE _{LCh}	60, 21.768, 109.906
Yxy	27.9699, 0.3492, 0.3936
Android (android.graphics.Color)	4287730540 (0xFF91936C)
YUV	141.9560, -16.7403, 2.6696
Hunter-Lab	52.8866, -8.7888, 16.5294

Details

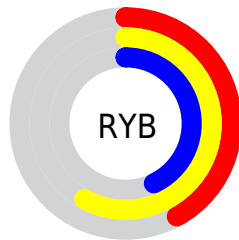
The XYZ color **24.8175, 27.9699, 18.2781** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.0606, 16.1475, 29.8230**, and the grayscale version is **25.7553, 27.0966, 29.5082**.

A 20% lighter version of the original color is **50.7850, 56.4535, 41.4777**, and **9.7064, 11.2553, 5.9359** is the 20% darker color. If you saturate the color by 10%, you get **23.9678, 27.6157, 14.4931**, and if you desaturate by 10%, it is **25.8014, 28.3799, 22.7592**.

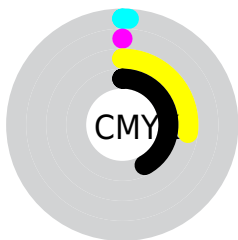
Distribution



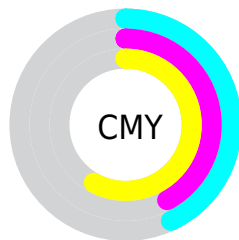
- Red (57%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (43%)



- Cyan (1%)
- Magenta (0%)
- Yellow (27%)
- Black (42%)



- Cyan (43%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8175, 27.9699, 18.2781 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 24.8175, 27.9699, 18.2781 by changing the saturation by 10% instead.

■ 24.8175, 27.9699,
18.2781

■ 24.8175, 27.9699,
18.2781

269.2923,
292.3231, 254.7225

■ 16.0691, 18.3030,
10.9783

■ 50.8060, 56.4364,
41.3310

■ 9.6643, 11.1677,
5.9383

■ 68.7769, 76.0047,
57.9211

■ 5.2375, 6.1798,
2.7394

■ 90.5527, 99.6423,
78.4452

■ 2.4234, 2.9547,
0.9632

■ 116.4987,
127.7336, 103.3216

■ 0.8568, 1.1081,
0.0000

146.9803,
160.6629, 132.9690

■ 0.0000, 0.0000,
0.0000

182.3629,

198.8146, 167.8060

223.0118,
242.5732, 208.2509

■ 24.8175, 27.9699,
18.2781

■ 24.8175, 27.9699,
18.2781

■ 23.9678, 27.6157,
14.4931

■ 25.8014, 28.3799,
22.7592

■ 23.2437, 27.3108,
11.3676

■ 26.9237, 28.8443,
27.9670

■ 22.6386, 27.0536,
8.8643

■ 28.1906, 29.3667,
33.9324

■ 22.1445, 26.8410,
6.9416

■ 29.6078, 29.9493,
40.6842

■ 21.7528, 26.6694,
5.5526

■ 31.1803, 30.5942,
48.2493

■ 21.4530, 26.5346,
4.6435

■ 32.9131, 31.3032,
56.6537

■ 21.2290, 26.4303,
4.1291

■ 34.8109, 32.0784,
65.9222

■ 21.1571, 26.3965,
3.9799

■ 36.8781, 32.9214,
76.0782

■ 39.1191, 33.8341,
87.1447

Harmonies

Analogous

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



27.5260, 27.9699, 17.8033



24.8175, 27.9699, 18.2781



22.7263, 27.9699, 21.6737

Triad

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



24.8175, 27.9699, 18.2781



23.3097, 27.9699, 43.6303



32.1617, 27.9699, 33.1979

Complementary

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



24.8175, 27.9699, 18.2781



17.0606, 16.1475, 29.8230

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.



30.8565, 27.9699, 41.3345



24.8175, 27.9699, 18.2781



25.6649, 27.9699, 48.0114

Square

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



24.8175, 27.9699, 18.2781



21.8984, 27.9699, 35.9305



28.4335, 27.9699, 47.1053



31.8956, 27.9699, 25.5651

Rectangle

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



24.8175, 27.9699, 18.2781



21.9037, 27.9699, 25.5235



28.4335, 27.9699, 47.1053



31.8889, 27.9699, 35.9828

Sweetspot

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



24.8182, 27.9711, 18.2787



47.8681, 51.5103, 48.4679



20.3109, 18.4276, 16.6742



10.8606, 11.7311, 10.7538



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.



24.8182, 27.9711, 18.2787



43.4830, 49.6885, 28.4357



21.6796, 26.3531, 18.1318



6.2363, 6.7296, 6.2107



18.3475, 22.8863, 3.4505



0.2318, 0.2839, 0.0426

Inverse Universe

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



17.0606, 16.1475, 29.8230



27.1245, 24.7536, 52.7829



19.7517, 17.5348, 29.9489



5.5254, 5.6463, 7.2684



4.6543, 1.8720, 24.0470



0.0624, 0.0257, 0.2946

Previews

White Background



This preview shows how the XYZ color 24.8175, 27.9699, 18.2781 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 24.8175, 27.9699, 18.2781 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

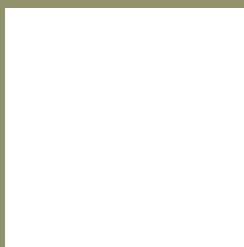
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8175, 27.9699, 18.2781

Background



This preview shows how black text looks on a background with the XYZ color 24.8175, 27.9699, 18.2781.



This preview shows how white text looks on a background with the XYZ color 24.8175, 27.9699,

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

24.8175, 27.9699, 18.2781

Protanopia

26.1447, 27.9766, 17.9320

Deuteranopia

28.2651, 27.7378, 18.6160



Tritanopia

27.9549, 27.8961, 33.6169

Trichromacy



Original Color

24.8175, 27.9699, 18.2781

Protanomaly

25.5417, 27.8916, 17.9473

Deuteranomaly

26.7824, 27.6275, 18.3890

Tritanomaly

26.6608, 27.8121, 27.2556

Monochromacy



Original Color

24.8175, 27.9699, 18.2781

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3302, 27.3979, 25.0724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8175, 27.9699, 18.2781 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(145, 147, 108)` looks like.

```
.text, #text, p{  
    color:rgb(145, 147, 108)  
}
```

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(145, 147, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 147, 108) }
```

Border

The CSS property to change the border of an element to XYZ 24.8175, 27.9699, 18.2781 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(145, 147, 108) }
```


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

```
.border{ border-color:rgb(145, 147, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 147, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 147, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 147, 108);  
box-shadow:4px 4px 4px 4px rgb(145, 147,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8175, 27.9699, 18.2781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 147, 108) }
```

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

```
.background{ background-color: rgb(145,  
147, 108) }
```

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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