

Converting Colors

XYZ(25.2851, 27.9770, 18.3657)

Have a look what the booklet for
XYZ(25.2851, 27.9770, 18.3657)
contains.

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Color

**XYZ(25.1984, 27.9364,
18.2515)**

Conversions

Conversions Part 1

Format	Color
Hex	94926C
RGB	148, 146, 108
RGB Percent	58%, 57%, 42%
CMY	0.4196, 0.4274, 0.5765
CMYK	0.00, 0.01, 0.27, 0.42
HSL	57°, 16%, 50%
HSV	57°, 27%, 58%
XYZ	25.1984, 27.9364, 18.2515
YIQ	142.2660, 13.3900, -11.3940

Conversions

Conversions Part 2

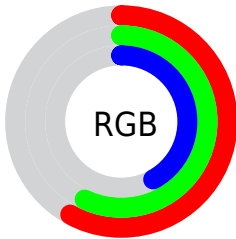
Format	Color
R_{YB}	110, 148, 108
Decimal	9736812
CIE Lab	59.83, -5.65, 20.47
CIE LCh	60, 21.235, 105.442
Yxy	27.9364, 0.3530, 0.3913
Android (android.graphics.Color)	4287926892 (0xFF94926C)
YUV	142.2660, -16.8931, 5.0287
Hunter-Lab	52.8549, -7.3968, 16.5248

Details

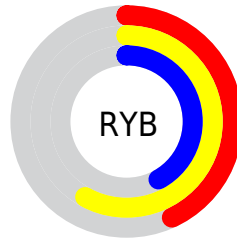
The XYZ color **25.1984, 27.9364, 18.2515** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.1055, 16.4777, 30.2960**, and the grayscale version is **25.8782, 27.2259, 29.6490**.

A 20% lighter version of the original color is **51.3566, 56.4032, 41.4378**, and **9.9282, 11.2334, 5.9199** is the 20% darker color. If you saturate the color by 10%, you get **24.3635, 27.4218, 14.4116**, and if you desaturate by 10%, it is **26.1692, 28.5085, 22.7972**.

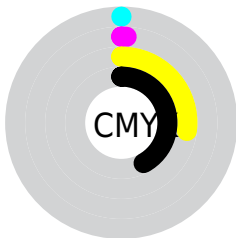
Distribution



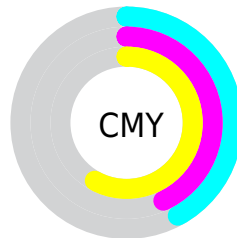
- Red (58%)
- Green (57%)
- Blue (42%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1984, 27.9364, 18.2515 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 25.1984, 27.9364, 18.2515 by changing the saturation by 10% instead.

■ 25.1984, 27.9364,
18.2515

■ 25.1984, 27.9364,
18.2515

271.1540,
292.1629, 254.5684

■ 16.3545, 18.2777,
10.9594

■ 51.4195, 56.3829,
41.2851

■ 9.8678, 11.1496,
5.9257

■ 69.5273, 75.9395,
57.8637

■ 5.3730, 6.1675,
2.7319

■ 91.4538, 99.5642,
78.3749

■ 2.5047, 2.9472,
0.9594

■ 117.5644,
127.6414, 103.2372

■ 0.8976, 1.1042,
0.0000

148.2243,
160.5554, 132.8691

■ 0.0000, 0.0000,
0.0000

183.7990,

198.6908, 167.6893

224.6538,
242.4318, 208.1162

■ 25.1984, 27.9364,
18.2515

■ 25.1984, 27.9364,
18.2515

■ 24.3635, 27.4218,
14.4116

■ 26.1692, 28.5085,
22.7972

■ 23.6556, 26.9582,
11.2401

■ 27.2801, 29.1368,
28.0798

■ 23.0681, 26.5440,
8.6989

■ 28.5376, 29.8249,
34.1311

■ 22.5929, 26.1758,
6.7454

■ 29.9473, 30.5751,
40.9801

■ 22.2209, 25.8501,
5.3319

■ 31.5145, 31.3895,
48.6545

■ 21.9415, 25.5626,
4.4028

■ 33.2441, 32.2700,
57.1807

■ 21.7373, 25.3063,
3.8653

■ 35.1409, 33.2186,
66.5838

■ 21.6808, 25.2321,
3.7276

■ 37.2095, 34.2372,
76.8879

■ 39.4543, 35.3274,
88.1163

Harmonies

Analogous

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



27.8749, 27.9364, 18.2094



25.1984, 27.9364, 18.2515



23.0332, 27.9364, 21.1589

Triad

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



25.1984, 27.9364, 18.2515



23.0846, 27.9364, 42.2484



31.8834, 27.9364, 34.2976

Complementary

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



25.1984, 27.9364, 18.2515



17.1055, 16.4777, 30.2960

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.



30.4136, 27.9364, 42.0472



25.1984, 27.9364, 18.2515



25.2730, 27.9364, 47.1370

Square

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



25.1984, 27.9364, 18.2515



21.8702, 27.9364, 34.5376



27.9547, 27.9364, 47.0577



31.8600, 27.9364, 26.6397

Rectangle

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



25.1984, 27.9364, 18.2515



22.1183, 27.9364, 24.6645



27.9547, 27.9364, 47.0577



31.5434, 27.9364, 37.0031

Sweetspot

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



25.1991, 27.9377, 18.2521



47.8993, 51.2794, 48.4217



20.3900, 18.1471, 17.1803



10.8690, 11.6694, 10.7414



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.



25.1991, 27.9377, 18.2521



43.6065, 48.7720, 28.2523



22.5028, 27.0085, 18.2149



6.2409, 6.6956, 6.2039



18.5249, 21.5641, 3.1859



0.2329, 0.2762, 0.0410

Inverse Universe

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



17.1055, 16.4777, 30.2960



27.0469, 25.3260, 52.8975



19.3123, 17.2992, 30.3383



5.5213, 5.6766, 7.2744



4.6403, 1.9755, 24.0678



0.0614, 0.0334, 0.2961

Previews

White Background



This preview shows how the XYZ color 25.1984, 27.9364, 18.2515 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 25.1984, 27.9364, 18.2515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

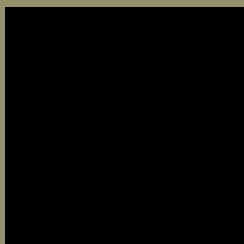
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

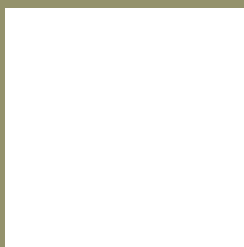
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1984, 27.9364, 18.2515

Background



This preview shows how black text looks on a background with the XYZ color 25.1984, 27.9364, 18.2515.



This preview shows how white text looks on a background with the XYZ color 25.1984, 27.9364,

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

25.1984, 27.9364, 18.2515

Protanopia

25.9535, 27.8781, 17.9230

Deuteranopia

28.2651, 27.7378, 18.6160



Tritanopia

28.1009, 27.7628, 33.1558

Trichromacy



Original Color

25.1984, 27.9364, 18.2515

Protanomaly

25.7281, 27.9877, 17.9561

Deuteranomaly

26.9831, 27.7309, 18.3984

Tritanomaly

26.8087, 27.6746, 26.8504

Monochromacy



Original Color

25.1984, 27.9364, 18.2515

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3533, 27.1859, 25.0302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1984, 27.9364, 18.2515 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(148, 146, 108)` looks like.

```
.text, #text, p{  
    color:rgb(148, 146, 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(148, 146, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 146, 108) }
```

Border

The CSS property to change the border of an element to XYZ 25.1984, 27.9364, 18.2515 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(148, 146, 108) }
```


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

```
.border{ border-color:rgb(148, 146, 108) }
```

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

Here you see how a box with a 4 pixel rgb(148, 146, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 146, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 146, 108);  
box-shadow:4px 4px 4px 4px rgb(148, 146,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1984, 27.9364, 18.2515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 146, 108) }
```

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

```
.background{ background-color: rgb(148,  
146, 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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