

Converting Colors

XYZ(27.8739, 30.4850, 18.6024)

Have a look what the booklet for
XYZ(27.8739, 30.4850, 18.6024)
contains.

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Color

**XYZ(27.8739, 30.4850,
18.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	9E976C
RGB	158, 151, 108
RGB Percent	62%, 59%, 42%
CMY	0.3804, 0.4078, 0.5765
CMYK	0.00, 0.04, 0.32, 0.38
HSL	52°, 20%, 52%
HSV	52°, 32%, 62%
XYZ	27.8739, 30.4850, 18.6024
YIQ	148.1910, 17.9750, -11.8890

Conversions

Conversions Part 2

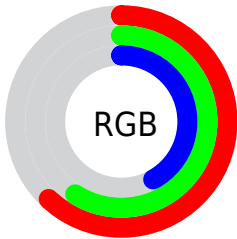
Format	Color
RYB	116, 158, 108
Decimal	10393452
CIELab	62.07, -4.32, 23.63
CIELCh	62, 24.019, 100.357
Yxy	30.4850, 0.3622, 0.3961
Android (android.graphics.Color)	4288583532 (0xFF9E976C)
YUV	148.1910, -19.8142, 8.6025
Hunter-Lab	55.2132, -6.5090, 18.6733

Details

The XYZ color **27.8739, 30.4850, 18.6024** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.4865, 17.9177, 34.8319**, and the grayscale version is **28.3035, 29.7775, 32.4277**.

A 20% lighter version of the original color is **55.6171, 60.3468, 41.9745**, and **11.3166, 12.5048, 6.0922** is the 20% darker color. If you saturate the color by 10%, you get **26.7559, 29.4749, 14.4505**, and if you desaturate by 10%, it is **29.1525, 31.5722, 23.5605**.

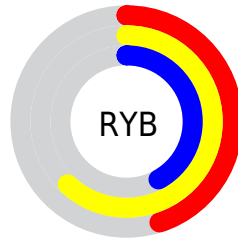
Distribution



Red (62%)

Green (59%)

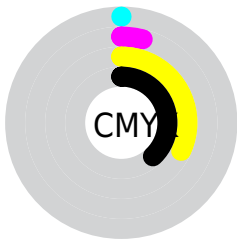
Blue (42%)



Red (45%)

Yellow (62%)

Blue (42%)

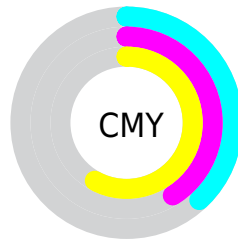


Cyan (0%)

Magenta (4%)

Yellow (32%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8739, 30.4850, 18.6024 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 27.8739, 30.4850, 18.6024 by changing the saturation by 10% instead.

■ 27.8739, 30.4850,
18.6024

■ 27.8739, 30.4850,
18.6024

283.9549,
304.1587, 256.5941

■ 18.3706, 20.2070,
11.2094

■ 55.6931, 60.4283,
41.8889

■ 11.3177, 12.5456,
6.0919

■ 74.7397, 80.8625,
58.6195

■ 6.3498, 7.1164,
2.8314

■ 97.6981, 105.4508,
79.2997

■ 3.1016, 3.5350,
1.0092

■ 124.9337,
134.5776, 104.3481

■ 1.2077, 1.4170,
0.0000

156.8118,
168.6275, 134.1832

■ 0.1124, 0.2292,
0.0000

193.6978,

■ 0.0000, 0.0000,

207.9847, 169.2235

0.0000

235.9571,
253.0336, 209.8876

■ 27.8739, 30.4850,
18.6024

■ 27.8739, 30.4850,
18.6024

■ 26.7559, 29.4749,
14.4505

■ 29.1525, 31.5722,
23.5605

■ 25.7880, 28.5343,
11.0594

■ 30.5971, 32.7354,
29.3630

■ 24.9618, 27.6611,
8.3823

■ 32.2157, 33.9790,
36.0480

■ 24.2674, 26.8510,
6.3663

■ 34.0148, 35.3057,
43.6507

■ 23.6932, 26.0994,
4.9514

■ 36.0009, 36.7181,
52.2043

■ 23.2257, 25.4010,
4.0664

■ 38.1800, 38.2187,
61.7405

■ 22.8896, 24.8471,
3.5896

■ 40.5579, 39.8097,
72.2894

■ 43.1400, 41.4935,
83.8799

■ 45.9317, 43.2723,
96.5397

Harmonies

Analogous

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



31.1111, 30.4850, 19.1131



27.8739, 30.4850, 18.6024



25.1403, 30.4850, 21.4105

Triad

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



27.8739, 30.4850, 18.6024



24.4997, 30.4850, 46.0798



35.2199, 30.4850, 39.5315

Complementary

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



27.8739, 30.4850, 18.6024



18.4865, 17.9177, 34.8319

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.



33.1812, 30.4850, 48.6577



27.8739, 30.4850, 18.6024



26.9391, 30.4850, 52.8976

Square

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



27.8739, 30.4850, 18.6024



23.2903, 30.4850, 36.4911



30.1049, 30.4850, 53.9199



35.5169, 30.4850, 30.0999

Rectangle

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



27.8739, 30.4850, 18.6024



23.9103, 30.4850, 25.1575



30.1049, 30.4850, 53.9199



34.7088, 30.4850, 42.7797

Sweetspot

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



27.8747, 30.4864, 18.6030



56.2601, 59.9913, 56.1689



22.5867, 19.2439, 18.8953



12.5953, 13.4560, 12.3008



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.8747, 30.4864, 18.6030



49.1494, 54.0459, 28.2846



25.8335, 31.1555, 18.8398



7.0910, 7.5620, 7.0715



18.3536, 19.9429, 2.8820



0.3479, 0.3960, 0.0581

Inverse Universe

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



18.4865, 17.9177, 34.8319



29.3577, 27.5547, 62.5147



20.0650, 17.5918, 34.6858



6.3559, 6.5776, 8.3413



5.1926, 2.4768, 26.1116



0.1116, 0.0818, 0.4731

Previews

White Background



This preview shows how the XYZ color 27.8739, 30.4850, 18.6024 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 27.8739, 30.4850, 18.6024 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 ✓ Pass

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

XYZ 27.8739, 30.4850, 18.6024

Background



This preview shows how black text looks on a background with the XYZ color 27.8739, 30.4850, 18.6024.



This preview shows how white text looks on a background with the XYZ color 27.8739, 30.4850,

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

27.8739, 30.4850, 18.6024

Protanopia

28.3111, 30.4725, 18.5770

Deuteranopia

31.1478, 30.5373, 19.0045



Tritanopia

31.4360, 30.5436, 35.6911

Trichromacy



Original Color

27.8739, 30.4850, 18.6024

Protanomaly

28.1103, 30.3690, 18.5676

Deuteranomaly

29.9886, 30.6295, 18.7995

Tritanomaly

29.9942, 30.4129, 28.7155

Monochromacy



Original Color

27.8739, 30.4850, 18.6024

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9300, 29.8637, 26.4825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8739, 30.4850, 18.6024 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(158, 151, 108)` looks like.

```
.text, #text, p{  
    color:rgb(158, 151, 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(158, 151, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 151, 108) }
```

Border

The CSS property to change the border of an element to XYZ 27.8739, 30.4850, 18.6024 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(158, 151, 108) }
```


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

```
.border{ border-color:rgb(158, 151, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 151, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 151, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 151, 108);  
box-shadow:4px 4px 4px 4px rgb(158, 151,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8739, 30.4850, 18.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 151, 108) }
```

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

```
.background{ background-color: rgb(158,  
151, 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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