

Converting Colors

XYZ(27.4676, 28.0653, 24.1539)

Have a look what the booklet for
XYZ(27.4676, 28.0653, 24.1539)
contains.

XYZ(27.4084, 28.0464, 24.0476)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.4084, 28.0464,
24.0476)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8E7F
RGB	157, 142, 127
RGB Percent	62%, 56%, 50%
CMY	0.3843, 0.4431, 0.5020
CMYK	0.00, 0.10, 0.19, 0.38
HSL	30°, 13%, 56%
HSV	30°, 19%, 62%
XYZ	27.4084, 28.0464, 24.0476
YIQ	144.7750, 13.7550, -1.4850

Conversions

Conversions Part 2

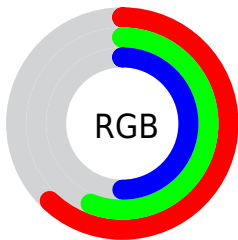
Format	Color
RYB	157, 157, 127
Decimal	10325631
CIELab	59.93, 3.05, 10.02
CIElCh	60, 10.475, 73.096
Yxy	28.0464, 0.3447, 0.3528
Android (android.graphics.Color)	4288515711 (0xFF9D8E7F)
YUV	144.7750, -8.7631, 10.7213
Hunter-Lab	52.9589, -0.2968, 10.1487

Details

The XYZ color **27.4084, 28.0464, 24.0476** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5111, 26.2918, 35.6815**, and the grayscale version is **26.8535, 28.2519, 30.7663**.

A 20% lighter version of the original color is **55.1295, 56.7722, 51.2325**, and **11.0280, 11.2076, 8.7898** is the 20% darker color. If you saturate the color by 10%, you get **25.3372, 25.4157, 18.6963**, and if you desaturate by 10%, it is **29.7228, 30.9079, 30.2673**.

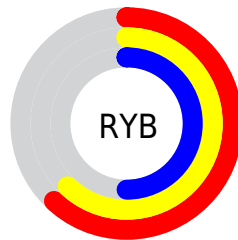
Distribution



Red (62%)

Green (56%)

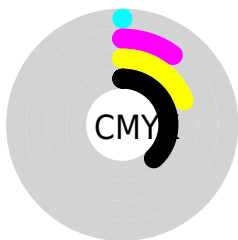
Blue (50%)



Red (62%)

Yellow (62%)

Blue (50%)

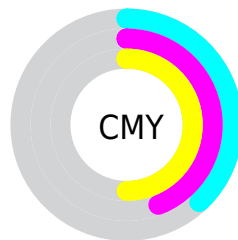


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4084, 28.0464, 24.0476 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 27.4084, 28.0464, 24.0476 by changing the saturation by 10% instead.

■ 27.4084, 28.0464,
24.0476

■ 27.4084, 28.0464,
24.0476

281.7607,
292.6886, 286.3553

■ 18.0184, 18.3606,
15.1564

■ 54.9538, 56.5585,
51.0527

■ 11.0629, 11.2092,
8.7814

■ 73.8399, 76.1537,
70.0036

■ 6.1768, 6.2077,
4.5040

■ 96.6220, 99.8207,
93.1449

■ 2.9946, 2.9718,
1.9057

123.6655,
127.9441, 120.8951

■ 1.1509, 1.1170,
0.4964

155.3358,
160.9082, 153.6727

■ 0.0671, 0.0000,
0.0000

191.9982,

■ 0.0000, 0.0000,

199.0973, 191.8962

0.0000

234.0180,
242.8960, 235.9843

■ 27.4084, 28.0464,
24.0476

■ 27.4084, 28.0464,
24.0476

■ 25.3372, 25.4157,
18.6963

■ 29.7228, 30.9079,
30.2673

■ 23.4979, 23.0057,
14.1723

■ 32.2868, 34.0024,
37.3906

■ 21.8816, 20.8110,
10.4339

■ 35.1090, 37.3369,
45.4525

■ 20.4779, 18.8246,
7.4347

■ 38.1972, 40.9170,
54.4860

■ 19.2752, 17.0389,
5.1237

■ 41.5587, 44.7480,
64.5223

■ 18.2609, 15.4457,
3.4431

■ 45.2006, 48.8352,
75.5912

■ 17.4202, 14.0359,
2.3255

■ 49.1297, 53.1833,
87.7213

■ 16.7240, 12.7945,
1.6284

■ 53.3523, 57.7974,
100.9401

■ 16.6660, 12.6906,
1.5711

■ 55.6584, 61.7955,
103.6020

Harmonies

Analogous

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



28.5702, 28.0464, 25.7984



27.4084, 28.0464, 24.0476



26.0815, 28.0464, 23.9403

Triad

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



27.4084, 28.0464, 24.0476



24.2413, 28.0464, 32.2290



28.4445, 28.0464, 36.2090

Complementary

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



27.4084, 28.0464, 24.0476



24.5111, 26.2918, 35.6815

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.



27.2414, 28.0464, 38.2480



27.4084, 28.0464, 24.0476



24.8317, 28.0464, 35.8246

Square

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



27.4084, 28.0464, 24.0476



24.2826, 28.0464, 28.4557



25.9200, 28.0464, 38.1017



29.1819, 28.0464, 32.7190

Rectangle

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



27.4084, 28.0464, 24.0476



25.2840, 28.0464, 24.7994



25.9200, 28.0464, 38.1017



28.0794, 28.0464, 37.0994

Sweetspot

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



27.4092, 28.0477, 24.0482



54.5566, 56.9664, 57.8500



26.3768, 24.3002, 28.8917



11.9468, 12.4647, 12.5694



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.4092, 28.0477, 24.0482



47.4259, 48.1374, 38.7259



29.7926, 32.8146, 24.8427



6.8934, 7.1667, 7.0057



13.5728, 10.3812, 1.2884



0.2850, 0.2702, 0.0371

Inverse Universe

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



24.5111, 26.2918, 35.6815



41.2488, 44.3948, 63.5217



22.4279, 22.1255, 34.9871



6.5449, 6.9556, 8.4043



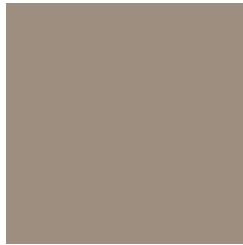
7.2206, 6.5328, 26.7876



0.1714, 0.2014, 0.4931

Previews

White Background



This preview shows how the XYZ color 27.4084, 28.0464, 24.0476 looks on a white background.

Color Contrast Check

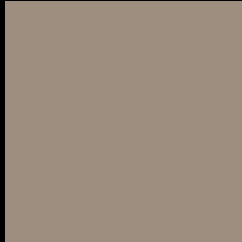
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4084, 28.0464, 24.0476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

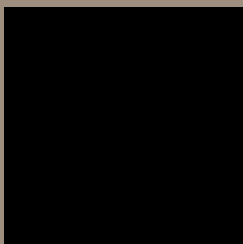
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

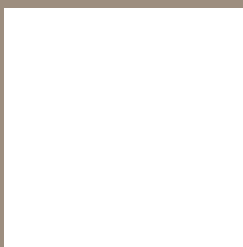
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4084, 28.0464, 24.0476

Background



This preview shows how black text looks on a background with the XYZ color 27.4084, 28.0464, 24.0476.



This preview shows how white text looks on a background with the XYZ color 27.4084, 28.0464,

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

27.4084, 28.0464, 24.0476

Protanopia

26.6320, 28.0843, 24.4392

Deuteranopia

28.6460, 28.0231, 24.3213



Tritanopia

29.2348, 28.1408, 32.7450

Trichromacy



Original Color

27.4084, 28.0464, 24.0476

Protanomaly

26.8556, 27.9757, 24.4065

Deuteranomaly

28.1747, 27.9961, 24.3409

Tritanomaly

28.5586, 28.0801, 29.5060

Monochromacy



Original Color

27.4084, 28.0464, 24.0476

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.9551, 28.1711, 28.0616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4084, 28.0464, 24.0476 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(157, 142, 127)` looks like.

```
.text, #text, p{  
    color:rgb(157, 142, 127)  
}
```

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(157, 142, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 142, 127) }
```

Border

The CSS property to change the border of an element to XYZ 27.4084, 28.0464, 24.0476 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(157, 142, 127) }
```


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

```
.border{ border-color:rgb(157, 142, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 142, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 142, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 142, 127);  
box-shadow:4px 4px 4px 4px rgb(157, 142,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4084, 28.0464, 24.0476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 142, 127) }
```

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

```
.background{ background-color: rgb(157,  
142, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor