

Converting Colors

XYZ(27.8193, 28.4725, 24.4516)

Have a look what the booklet for
XYZ(27.8193, 28.4725, 24.4516)
contains.

XYZ(27.8193, 28.4725, 24.4516)	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(27.8193, 28.4725,
24.4516)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8F80
RGB	158, 143, 128
RGB Percent	62%, 56%, 50%
CMY	0.3804, 0.4392, 0.4980
CMYK	0.00, 0.09, 0.19, 0.38
HSL	30°, 13%, 56%
HSV	30°, 19%, 62%
XYZ	27.8193, 28.4725, 24.4516
YIQ	145.7750, 13.7550, -1.4850

Conversions

Conversions Part 2

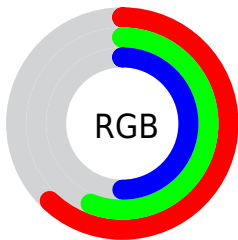
Format	Color
R_{YB}	158, 158, 128
Decimal	10391424
CIE Lab	60.31, 3.04, 10.01
CIE LCh	60, 10.460, 73.109
Yxy	28.4725, 0.3445, 0.3526
Android (android.graphics.Color)	4288581504 (0xFF9E8F80)
YUV	145.7750, -8.7631, 10.7213
Hunter-Lab	53.3596, -0.3175, 10.1826

Details

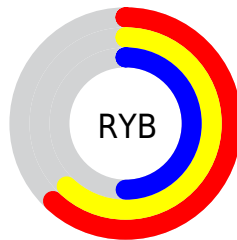
The XYZ color **27.8193, 28.4725, 24.4516** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8960, 26.7022, 36.1899**, and the grayscale version is **27.2609, 28.6806, 31.2331**.

A 20% lighter version of the original color is **55.7473, 57.4148, 51.8600**, and **11.2695, 11.4574, 9.0147** is the 20% darker color. If you saturate the color by 10%, you get **25.7152, 25.8009, 19.0127**, and if you desaturate by 10%, it is **30.1704, 31.3785, 30.7725**.

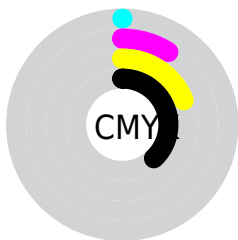
Distribution



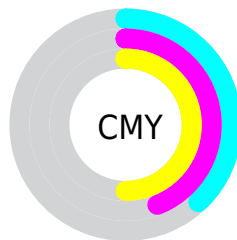
- Red (62%)
- Green (56%)
- Blue (50%)



- Red (62%)
- Yellow (62%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8193, 28.4725, 24.4516 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 27.8193, 28.4725, 24.4516 by changing the saturation by 10% instead.

■ 27.8193, 28.4725,
24.4516

■ 27.8193, 28.4725,
24.4516

283.6982,
294.7179, 288.4555

■ 18.3292, 18.6821,
15.4537

■ 55.6065, 57.2379,
51.7192

■ 11.2877, 11.4408,
8.9882

■ 74.6343, 76.9818,
70.8259

■ 6.3294, 6.3642,
4.6368

■ 97.5721, 100.8123,
94.1393

■ 3.0890, 3.0678,
1.9808

124.7853,
129.1138, 122.0780

■ 1.2010, 1.1672,
0.5434

156.6391,
162.2707, 155.0603

■ 0.1071, 0.0347,
0.0000

193.4990,

■ 0.0000, 0.0000,

200.6674, 193.5050

0.0000

235.7302,
244.6883, 237.8306

■ 27.8193, 28.4725,
24.4516

■ 27.8193, 28.4725,
24.4516

■ 25.7152, 25.8009,
19.0127

■ 30.1704, 31.3785,
30.7725

■ 23.8466, 23.3533,
14.4142

■ 32.7749, 34.5211,
38.0110

■ 22.2045, 21.1244,
10.6135

■ 35.6417, 37.9075,
46.2028

■ 20.7783, 19.1070,
7.5637

■ 38.7786, 41.5432,
55.3813

■ 19.5563, 17.2935,
5.2131

■ 42.1931, 45.4338,
65.5782

■ 18.5256, 15.6754,
3.5029

■ 45.8923, 49.5843,
76.8238

■ 17.6713, 14.2435,
2.3648

■ 49.8830, 54.0000,
89.1470

■ 16.9646, 12.9831,
1.6578

■ 54.1720, 58.6857,
102.5758

■ 16.8978, 12.8634,
1.5923

■ 56.2201, 62.6280,
103.7330

Harmonies

Analogous

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



28.9911, 28.4725, 26.2185



27.8193, 28.4725, 24.4516



26.4809, 28.4725, 24.3440

Triad

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



27.8193, 28.4725, 24.4516



24.6250, 28.4725, 32.7090



28.8651, 28.4725, 36.7187

Complementary

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



27.8193, 28.4725, 24.4516



24.8960, 26.7022, 36.1899

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.



27.6520, 28.4725, 38.7745



27.8193, 28.4725, 24.4516



25.2209, 28.4725, 36.3339

Square

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



27.8193, 28.4725, 24.4516



24.6664, 28.4725, 28.9027



26.3191, 28.4725, 38.6281



29.6084, 28.4725, 33.1999

Rectangle

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



27.8193, 28.4725, 24.4516



25.6764, 28.4725, 25.2119



26.3191, 28.4725, 38.6281



28.4971, 28.4725, 37.6163

Sweetspot

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



27.8201, 28.4738, 24.4522



56.0983, 58.5758, 59.4810



26.7780, 24.6910, 29.3414



12.5846, 13.1298, 13.2370



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.



27.8201, 28.4738, 24.4522



48.7609, 49.4905, 39.8033



30.2240, 33.2816, 25.2535



6.8933, 7.1667, 7.0057



13.5728, 10.3811, 1.2884



0.2850, 0.2702, 0.0371

Inverse Universe

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



24.8960, 26.7022, 36.1899



42.4049, 45.6397, 65.3178



22.7932, 22.4966, 35.4890



6.5449, 6.9556, 8.4043



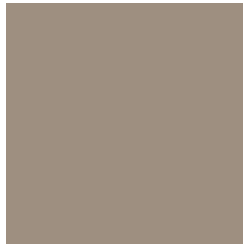
7.2207, 6.5329, 26.7876



0.1714, 0.2014, 0.4931

Previews

White Background



This preview shows how the XYZ color 27.8193, 28.4725, 24.4516 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 27.8193, 28.4725, 24.4516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

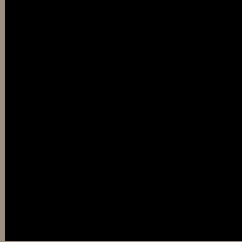
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.8193, 28.4725, 24.4516

Background



This preview shows how black text looks on a background with the XYZ color 27.8193, 28.4725, 24.4516.



This preview shows how white text looks on a background with the XYZ color 27.8193, 28.4725,

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

27.8193, 28.4725, 24.4516

Protanopia

27.0367, 28.5112, 24.8471

Deuteranopia

29.0664, 28.4481, 24.7280



Tritanopia

29.6619, 28.5676, 33.2289

Trichromacy



Original Color

27.8193, 28.4725, 24.4516

Protanomaly

27.2621, 28.4015, 24.8141

Deuteranomaly

28.5916, 28.4213, 24.7478

Tritanomaly

28.9800, 28.5065, 29.9615

Monochromacy



Original Color

27.8193, 28.4725, 24.4516

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.3633, 28.5989, 28.5040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8193, 28.4725, 24.4516 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, 143, 128)` looks like.

```
.text, #text, p{  
    color:rgb(158, 143, 128)  
}
```

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, 143, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 143, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.8193, 28.4725, 24.4516 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, 143, 128) }
```


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

```
.border{ border-color:rgb(158, 143, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 143, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 143, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 143, 128);  
box-shadow:4px 4px 4px 4px rgb(158, 143,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8193, 28.4725, 24.4516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 143, 128) }
```

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

```
.background{ background-color: rgb(158,  
143, 128) }
```

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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