

Converting Colors

XYZ(24.4945, 28.0108, 22.9739)

Have a look what the booklet for
XYZ(24.4945, 28.0108, 22.9739)
contains.

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Color

**XYZ(24.4816, 27.9282,
22.8393)**

Conversions

Conversions Part 1

Format	Color
Hex	89947B
RGB	137, 148, 123
RGB Percent	54%, 58%, 48%
CMY	0.4627, 0.4196, 0.5176
CMYK	0.07, 0.00, 0.17, 0.42
HSL	86°, 10%, 53%
HSV	86°, 17%, 58%
XYZ	24.4816, 27.9282, 22.8393
YIQ	141.8610, 1.4690, -10.1070

Conversions

Conversions Part 2

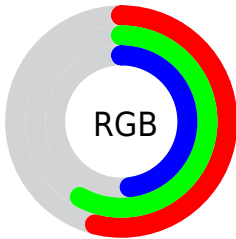
Format	Color
R_{YB}	123, 148, 134
Decimal	9016443
CIE _{Lab}	59.82, -8.70, 11.90
CIE _{LCh}	60, 14.738, 126.168
Yxy	27.9282, 0.3253, 0.3711
Android (android.graphics.Color)	4287206523 (0xFF89947B)
YUV	141.8610, -9.2985, -4.2631
Hunter-Lab	52.8471, -9.7918, 11.3692

Details

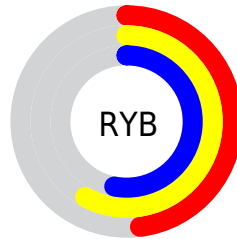
The XYZ color **24.4816, 27.9282, 22.8393** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.2608, 21.3731, 30.9705**, and the grayscale version is **25.6920, 27.0300, 29.4357**.

A 20% lighter version of the original color is **50.1922, 56.3228, 49.3003**, and **9.4412, 11.0700, 8.1177** is the 20% darker color. If you saturate the color by 10%, you get **22.5888, 27.0524, 18.2746**, and if you desaturate by 10%, it is **26.5804, 28.8957, 28.1461**.

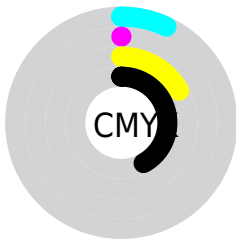
Distribution



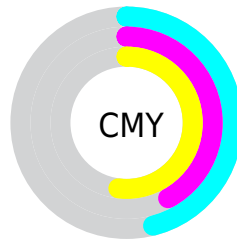
- Red (54%)
- Green (58%)
- Blue (48%)



- Red (48%)
- Yellow (58%)
- Blue (53%)



- Cyan (7%)
- Magenta (0%)
- Yellow (17%)
- Black (42%)



- Cyan (46%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4816, 27.9282, 22.8393 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 24.4816, 27.9282, 22.8393 by changing the saturation by 10% instead.

■ 24.4816, 27.9282,
22.8393

■ 24.4816, 27.9282,
22.8393

267.6418,
292.1237, 279.9936

■ 15.8179, 18.2715,
14.2707

■ 50.2639, 56.3698,
49.0492

■ 9.4854, 11.1451,
8.1683

■ 68.1133, 75.9235,
67.5275

■ 5.1188, 6.1645,
4.1135

■ 89.7553, 99.5450,
90.1462

■ 2.3526, 2.9454,
1.6878

115.5553,
127.6188, 117.3238

■ 0.8214, 1.1033,
0.3524

145.8785,
160.5291, 149.4788

■ 0.0000, 0.0000,
0.0000

181.0905,

198.6604, 187.0297

221.5565,
242.3972, 230.3952

■ 24.4816, 27.9282,
22.8393

■ 24.4816, 27.9282,
22.8393

■ 22.5888, 27.0524,
18.2746

■ 26.5804, 28.8957,
28.1461

■ 20.8925, 26.2615,
14.4170

■ 28.8901, 29.9543,
34.2240

■ 19.3855, 25.5535,
11.2317

■ 31.4179, 31.1078,
41.1031

■ 18.0592, 24.9249,
8.6799

■ 34.1701, 32.3588,
48.8108

■ 16.9044, 24.3718,
6.7190

■ 37.1528, 33.7101,
57.3737

■ 15.9107, 23.8899,
5.3011

■ 40.3718, 35.1638,
66.8169

■ 15.0662, 23.4743,
4.3710

■ 43.8326, 36.7225,
77.1646

■ 14.3525, 23.1174,
3.8377

■ 47.5406, 38.3883,
88.4400

■ 14.1464, 23.0141,
3.6966

■ 51.3064, 40.0856,
99.6409

Harmonies

Analogous

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



26.1610, 27.9282, 21.2875



24.4816, 27.9282, 22.8393



23.3938, 27.9282, 26.4400

Triad

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



24.4816, 27.9282, 22.8393



25.1202, 27.9282, 40.8198



30.2776, 27.9282, 29.3175

Complementary

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



24.4816, 27.9282, 22.8393



22.2608, 21.3731, 30.9705

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.



29.9670, 27.9282, 34.7567



24.4816, 27.9282, 22.8393



26.9326, 27.9282, 41.8226

Square

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



24.4816, 27.9282, 22.8393



23.7502, 27.9282, 36.8911



28.7210, 27.9282, 39.4900



29.5507, 27.9282, 24.7346

Rectangle

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



24.4816, 27.9282, 22.8393



23.1208, 27.9282, 29.7269



28.7210, 27.9282, 39.4900



30.2915, 27.9282, 31.1016

Sweetspot

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



24.4823, 27.9294, 22.8399



47.6004, 51.3053, 51.4809



24.2910, 24.7311, 22.2327



10.8087, 11.6855, 11.6028



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.



24.4823, 27.9294, 22.8399



41.9839, 48.7173, 37.3276



22.5748, 26.9460, 22.7506



6.0215, 6.6189, 6.2007



12.1144, 19.6731, 3.1588



0.1822, 0.2583, 0.0402

Inverse Universe

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



22.2608, 21.3731, 30.9705



37.3641, 35.0825, 54.2369



24.3427, 22.4464, 31.0680



5.7272, 5.7503, 7.2778



6.4655, 2.8057, 24.1318



0.1121, 0.0513, 0.2969

Previews

White Background



This preview shows how the XYZ color 24.4816, 27.9282, 22.8393 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 24.4816, 27.9282, 22.8393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

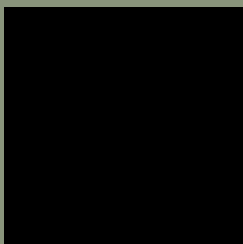
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4816, 27.9282, 22.8393

Background



This preview shows how black text looks on a background with the XYZ color 24.4816, 27.9282, 22.8393.



This preview shows how white text looks on a background with the XYZ color 24.4816, 27.9282,

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

24.4816, 27.9282, 22.8393

Protanopia

26.3733, 28.0024, 22.1041

Deuteranopia

28.4513, 27.9452, 23.2965



Tritanopia

27.0450, 28.0639, 35.0018

Trichromacy



Original Color

24.4816, 27.9282, 22.8393

Protanomaly

25.6709, 27.8590, 22.4367

Deuteranomaly

26.8287, 27.7698, 23.0149

Tritanomaly

25.8985, 27.8094, 29.9894

Monochromacy



Original Color

24.4816, 27.9282, 22.8393

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.1617, 27.2712, 26.8594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4816, 27.9282, 22.8393 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(137, 148, 123)` looks like.

```
.text, #text, p{  
    color:rgb(137, 148, 123)  
}
```

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(137, 148, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 148, 123) }
```

Border

The CSS property to change the border of an element to XYZ 24.4816, 27.9282, 22.8393 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(137, 148, 123) }
```


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

```
.border{ border-color:rgb(137, 148, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 148, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 148, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 148, 123);  
box-shadow:4px 4px 4px 4px rgb(137, 148,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4816, 27.9282, 22.8393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 148, 123) }
```

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

```
.background{ background-color: rgb(137,  
148, 123) }
```

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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