

Converting Colors

XYZ(27.9379, 23.9380, 22.8867)

Have a look what the booklet for
XYZ(27.9379, 23.9380, 22.8867)
contains.

XYZ(27.9379, 23.9380, 22.8867)	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(27.9379, 23.9380,
22.8867)**

Conversions

Conversions Part 1

Format	Color
Hex	AE787E
RGB	174, 120, 126
RGB Percent	68%, 47%, 49%
CMY	0.3176, 0.5294, 0.5059
CMYK	0.00, 0.31, 0.28, 0.32
HSL	353°, 25%, 58%
HSV	353°, 31%, 68%
XYZ	27.9379, 23.9380, 22.8867
YIQ	136.8300, 30.2580, 13.3140

Conversions

Conversions Part 2

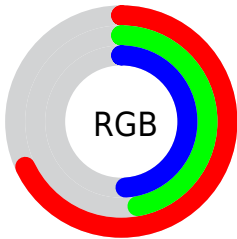
Format	Color
R_{YB}	174, 120, 126
Decimal	11434110
CIE _{Lab}	56.03, 21.99, 5.27
CIE _{LCh}	56, 22.613, 13.469
Yxy	23.9380, 0.3737, 0.3202
Android (android.graphics.Color)	4289624190 (0xFFAE787E)
YUV	136.8300, -5.3392, 32.5981
Hunter-Lab	48.9265, 16.3054, 6.5140

Details

The XYZ color **27.9379, 23.9380, 22.8867** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.9507, 37.0928, 42.6287**, and the grayscale version is **23.7258, 24.9614, 27.1829**.

A 20% lighter version of the original color is **56.0353, 50.1307, 49.3706**, and **11.3385, 9.0354, 8.1676** is the 20% darker color. If you saturate the color by 10%, you get **25.1102, 19.7582, 17.3948**, and if you desaturate by 10%, it is **31.3015, 28.9423, 29.3192**.

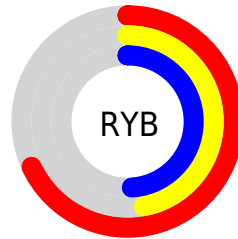
Distribution



Red (68%)

Green (47%)

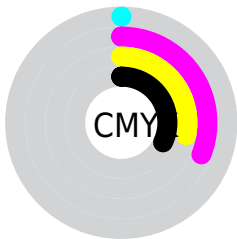
Blue (49%)



Red (68%)

Yellow (47%)

Blue (49%)

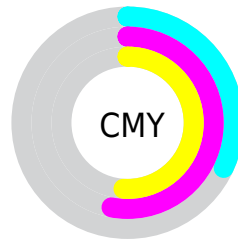


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (32%)



Cyan (32%)

Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9379, 23.9380, 22.8867 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 27.9379, 23.9380, 22.8867 by changing the saturation by 10% instead.

■ 27.9379, 23.9380,
22.8867

■ 27.9379, 23.9380,
22.8867

284.2555,
272.5069, 280.2456

■ 18.4191, 15.2876,
14.3054

■ 55.7946, 49.9290,
49.1281

■ 11.3528, 9.0215,
8.1922

■ 74.8632, 68.0384,
67.6252

■ 6.3737, 4.7552,
4.1286

■ 97.8458, 90.0697,
90.2646

■ 3.1164, 2.1044,
1.6962

125.1077,
116.4071, 117.4649

■ 1.2156, 0.6671,
0.3581

157.0142,
147.4352, 149.6446

■ 0.1186, 0.0000,
0.0000

193.9308,

■ 0.0000, 0.0000,

183.5382, 187.2222

0.0000

236.2228,
225.1007, 230.6164

■ 27.9379, 23.9380,
22.8867

■ 27.9379, 23.9380,
22.8867

■ 25.1102, 19.7582,
17.3948

■ 31.3015, 28.9423,
29.3192

■ 22.7887, 16.3554,
12.7979

■ 35.2248, 34.8086,
36.7320

■ 20.9440, 13.6826,
9.0489


■ 39.7323, 41.5758,
45.1643


■ 19.5427, 11.6863,
6.0956


■ 44.8468, 49.2799,
54.6528


■ 18.5468, 10.3056,
3.8802


■ 50.5895, 57.9546,
65.2323


 17.9123, 9.4685,
2.3367

 56.9809, 67.6321,
76.9359

 17.5759, 9.0468,
1.4505

 64.0404, 78.3431,
89.7956

 70.4305, 87.4047,
103.3897

 71.2656, 87.7387,
107.7869

Harmonies

Analogous

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



27.8591, 23.9380, 30.3294



27.9379, 23.9380, 22.8867



26.5547, 23.9380, 17.4447

Triad

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



27.9379, 23.9380, 22.8867



19.5005, 23.9380, 17.0362



21.3668, 23.9380, 42.2360

Complementary

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



27.9379, 23.9380, 22.8867



29.9507, 37.0928, 42.6287

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.



19.3315, 23.9380, 37.1384



27.9379, 23.9380, 22.8867



18.3112, 23.9380, 22.2193

Square

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



27.9379, 23.9380, 22.8867



21.6139, 23.9380, 14.5248



18.2518, 23.9380, 29.5234



23.9301, 23.9380, 42.5083

Rectangle

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



27.9379, 23.9380, 22.8867



25.0462, 23.9380, 15.2880



18.2518, 23.9380, 29.5234



20.6030, 23.9380, 40.9917

Sweetspot

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



27.9386, 23.9391, 22.8872



65.3436, 65.3115, 69.3496



30.4418, 24.7821, 43.2233



14.2761, 14.1457, 14.9496



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.9386, 23.9391, 22.8872



47.1744, 38.2382, 34.7307



30.3271, 29.3171, 21.8312



8.0401, 8.0293, 8.5218



12.7596, 6.5664, 1.1133



0.3662, 0.1872, 0.0900

Inverse Universe

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



27.9386, 23.9391, 22.8872



47.1744, 38.2382, 34.7307



26.8271, 29.9308, 44.4077



8.0401, 8.0293, 8.5218



12.7596, 6.5664, 1.1133



0.3662, 0.1872, 0.0900

Previews

White Background



This preview shows how the XYZ color 27.9379, 23.9380, 22.8867 looks on a white background.

Color Contrast Check

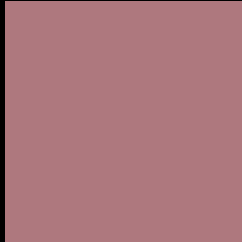
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9379, 23.9380, 22.8867 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 27.9379, 23.9380, 22.8867

Background



This preview shows how black text looks on a background with the XYZ color 27.9379, 23.9380, 22.8867.



This preview shows how white text looks on a background with the XYZ color 27.9379, 23.9380,

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

27.9379, 23.9380, 22.8867

Protanopia

23.1447, 24.0898, 25.9842

Deuteranopia

24.3832, 23.9998, 22.4161



Tritanopia

28.1345, 24.0166, 23.9217

Trichromacy



Original Color

27.9379, 23.9380, 22.8867

Protanomaly

24.5247, 23.8232, 24.7785

Deuteranomaly

25.4606, 23.7733, 22.6488

Tritanomaly

28.0683, 23.9901, 23.5733

Monochromacy



Original Color

27.9379, 23.9380, 22.8867

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.9276, 24.4101, 25.5881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9379, 23.9380, 22.8867 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(174, 120, 126)` looks like.

```
.text, #text, p{  
    color:rgb(174, 120, 126)  
}
```

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(174, 120, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 120, 126) }
```

Border

The CSS property to change the border of an element to XYZ 27.9379, 23.9380, 22.8867 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(174, 120, 126) }
```


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

```
.border{ border-color:rgb(174, 120, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 120, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 120, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 120, 126); box-shadow:4px 4px 4px 4px rgb(174, 120, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9379, 23.9380, 22.8867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 120, 126) }
```

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

```
.background{ background-color: rgb(174,  
120, 126) }
```

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