

Converting Colors

XYZ(23.9667, 19.9796, 17.3823)

Have a look what the booklet for
XYZ(23.9667, 19.9796, 17.3823)
contains.

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Color

**XYZ(23.9029, 19.9579,
17.3443)**

Conversions

Conversions Part 1

Format	Color
Hex	A66C6E
RGB	166, 108, 110
RGB Percent	65%, 42%, 43%
CMY	0.3490, 0.5765, 0.5686
CMYK	0.00, 0.35, 0.34, 0.35
HSL	358°, 25%, 54%
HSV	358°, 35%, 65%
XYZ	23.9029, 19.9579, 17.3443
YIQ	125.5700, 33.9260, 12.9180

Conversions

Conversions Part 2

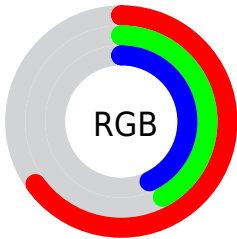
Format	Color
R_{YB}	166, 108, 110
Decimal	10906734
CIE _{Lab}	51.79, 23.41, 8.46
CIE _{LCh}	52, 24.889, 19.876
Yxy	19.9579, 0.3905, 0.3261
Android (android.graphics.Color)	4289096814 (0xFFA66C6E)
YUV	125.5700, -7.6760, 35.4571
Hunter-Lab	44.6743, 17.3262, 8.2533

Details

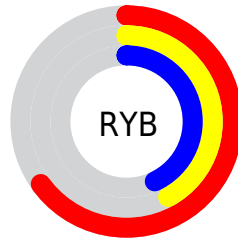
The XYZ color **23.9029, 19.9579, 17.3443** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.5223, 33.1413, 40.1227**, and the grayscale version is **19.7029, 20.7290, 22.5739**.

A 20% lighter version of the original color is **49.1280, 43.2444, 39.4759**, and **9.1952, 7.0353, 5.5759** is the 20% darker color. If you saturate the color by 10%, you get **21.5208, 16.4662, 12.6272**, and if you desaturate by 10%, it is **26.7773, 24.1814, 23.0048**.

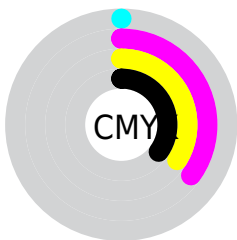
Distribution



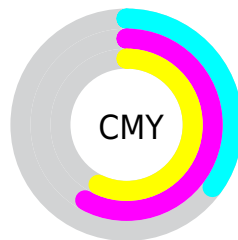
- Red (65%)
- Green (42%)
- Blue (43%)



- Red (65%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (35%)
- Yellow (34%)
- Black (35%)





- Cyan (35%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.9029, 19.9579, 17.3443 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 23.9029, 19.9579, 17.3443 by changing the saturation by 10% instead.

 23.9029, 19.9579,
17.3443


 23.9029, 19.9579,
17.3443


264.7788,
251.6871, 249.2595


 15.3860, 12.3644,
10.3157


 49.3275, 43.3466,
39.7155


 9.1788, 6.9924,
5.5005


 66.9659, 59.9106,
55.8953

 4.9160, 3.4573,
2.4800

 88.3755, 80.2336,
75.9625

 2.2323, 1.3749,
0.8295

 113.9216,
104.7000, 100.3357

 0.7597, 0.1981,
0.0000

143.9697,
133.6941, 129.4335

 0.0000, 0.0000,
0.0000

178.8850,

167.6004, 163.6743

219.0329,
206.8033, 203.4768

■ 23.9029, 19.9579,
17.3443

■ 23.9029, 19.9579,
17.3443

■ 21.5208, 16.4662,
12.6272

■ 26.7773, 24.1814,
23.0048

■ 19.6018, 13.6619,
8.8010

■ 30.1678, 29.1718,
29.6547

■ 18.1164, 11.5006,
5.8102

■ 34.0984, 34.9657,
37.3387


■ 17.0308, 9.9314,
3.5924

■ 38.5914, 41.5961,
46.0981


■ 16.3061, 8.8955,
2.0764


■ 43.6676, 49.0945,
55.9723


 15.8952, 8.3207,
1.1777

 49.3470, 57.4907,
66.9983

 15.7572, 8.1195,
0.9008

 55.6483, 66.8130,
79.2117

 62.5897, 77.0884,
92.6465

 69.4166, 86.7993,
107.0780

Harmonies

Analogous

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



24.1526, 19.9579, 24.2634



23.9029, 19.9579, 17.3443



22.2678, 19.9579, 12.7501

Triad

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



23.9029, 19.9579, 17.3443



15.4990, 19.9579, 13.9559



18.1300, 19.9579, 38.4622

Complementary

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



23.9029, 19.9579, 17.3443



26.5223, 33.1413, 40.1227

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.



16.0139, 19.9579, 34.1684



23.9029, 19.9579, 17.3443



14.5864, 19.9579, 19.3808

Square

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



23.9029, 19.9579, 17.3443



17.3686, 19.9579, 11.1153



14.7662, 19.9579, 26.8007



20.6656, 19.9579, 37.5753

Rectangle

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



23.9029, 19.9579, 17.3443



20.6865, 19.9579, 11.1284



14.7662, 19.9579, 26.8007



17.3501, 19.9579, 37.5458

Sweetspot

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



23.9034, 19.9589, 17.3447



58.0164, 57.7546, 60.2078



27.3707, 21.2764, 38.7405



12.7699, 12.6104, 13.0568



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



23.9034, 19.9589, 17.3447



39.9179, 31.1433, 24.6235



26.9722, 26.2683, 17.8373



7.5412, 7.5463, 7.9011



12.2226, 6.2977, 0.7176



0.3005, 0.1545, 0.0341

Inverse Universe

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



23.9034, 19.9589, 17.3447



39.9179, 31.1433, 24.6235



22.4316, 24.6691, 39.6557



7.5412, 7.5463, 7.9011



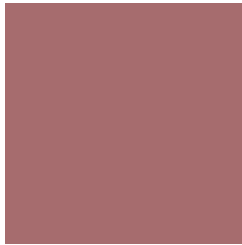
12.2226, 6.2977, 0.7176



0.3005, 0.1545, 0.0341

Previews

White Background



This preview shows how the XYZ color 23.9029, 19.9579, 17.3443 looks on a white background.

Color Contrast Check

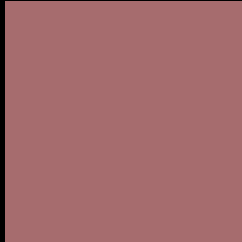
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9029, 19.9579, 17.3443 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 23.9029, 19.9579, 17.3443

Background



This preview shows how black text looks on a background with the XYZ color 23.9029, 19.9579, 17.3443.



This preview shows how white text looks on a background with the XYZ color 23.9029, 19.9579,

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

23.9029, 19.9579, 17.3443

Protanopia

19.1054, 19.9859, 19.9903

Deuteranopia

20.4589, 20.0271, 16.9747



Tritanopia

24.2886, 19.9687, 18.7939

Trichromacy



Original Color

23.9029, 19.9579, 17.3443

Protanomaly

20.5575, 19.8574, 18.9690

Deuteranomaly

21.6535, 19.9449, 17.1765

Tritanomaly

24.1747, 19.9231, 18.1942

Monochromacy



Original Color

23.9029, 19.9579, 17.3443

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.9715, 20.2124, 20.5654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9029, 19.9579, 17.3443 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(166, 108, 110)` looks like.

```
.text, #text, p{  
    color:rgb(166, 108, 110)  
}
```

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(166, 108, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 108, 110) }
```

Border

The CSS property to change the border of an element to XYZ 23.9029, 19.9579, 17.3443 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(166, 108, 110) }
```


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

```
.border{ border-color:rgb(166, 108, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 108, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 108, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 108, 110);  
box-shadow:4px 4px 4px 4px rgb(166, 108,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9029, 19.9579, 17.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 108, 110) }
```

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

```
.background{ background-color: rgb(166,  
108, 110) }
```

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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