

Converting Colors

XYZ(23.1334, 17.9504, 17.3072)

Have a look what the booklet for
XYZ(23.1334, 17.9504, 17.3072)
contains.

XYZ(23.0803, 17.9126, 17.2799)	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(23.0803, 17.9126,
17.2799)**

Conversions

Conversions Part 1

Format	Color
Hex	A7616F
RGB	167, 97, 111
RGB Percent	65%, 38%, 44%
CMY	0.3451, 0.6196, 0.5647
CMYK	0.00, 0.42, 0.34, 0.35
HSL	348°, 28%, 52%
HSV	348°, 42%, 65%
XYZ	23.0803, 17.9126, 17.2799
YIQ	119.5260, 37.2260, 19.1940

Conversions

Conversions Part 2

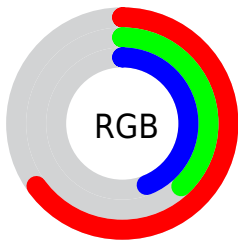
Format	Color
R_{YB}	167, 97, 111
Decimal	10969455
CIE _{Lab}	49.39, 30.09, 4.46
CIE _{LCh}	49, 30.415, 8.430
Yxy	17.9126, 0.3961, 0.3074
Android (android.graphics.Color)	4289159535 (0xFFA7616F)
YUV	119.5260, -4.2033, 41.6347
Hunter-Lab	42.3233, 23.2763, 5.4192

Details

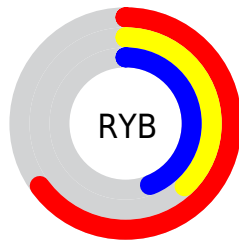
The XYZ color **23.0803, 17.9126, 17.2799** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.4991, 32.4792, 35.1167**, and the grayscale version is **17.7066, 18.6287, 20.2867**.

A 20% lighter version of the original color is **48.0988, 39.9865, 39.8334**, and **8.7642, 5.9835, 5.3956** is the 20% darker color. If you saturate the color by 10%, you get **21.0150, 14.8726, 13.2294**, and if you desaturate by 10%, it is **25.5814, 21.6480, 22.0190**.

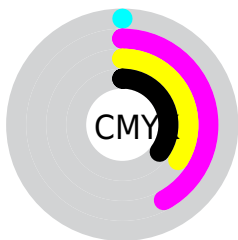
Distribution



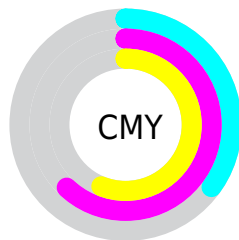
- Red (65%)
- Green (38%)
- Blue (44%)



- Red (65%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (42%)
- Yellow (34%)
- Black (35%)





- Cyan (35%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.0803, 17.9126, 17.2799 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 23.0803, 17.9126, 17.2799 by changing the saturation by 10% instead.


 23.0803, 17.9126,
17.2799


 23.0803, 17.9126,
17.2799


260.6648,
240.3780, 248.8786


 14.7738, 10.8873,
10.2702


 47.9908, 39.8883,
39.6036


 8.7461, 5.9911,
5.4705


 65.3256, 55.6075,
55.7547

 4.6317, 2.8397,
2.4624

 86.4005, 74.9935,
75.7900

 2.0654, 1.0486,
0.8201

 111.5810, 98.4305,
100.1281

 0.6703, 0.0000,
0.0000

141.2322,
126.3031, 129.1874

 0.0000, 0.0000,
0.0000

175.7197,

158.9956, 163.3866

215.4088,
196.8924, 203.1441

■ 23.0803, 17.9126,
17.2799

■ 23.0803, 17.9126,
17.2799

■ 21.0150, 14.8726,
13.2294

■ 25.5814, 21.6480,
22.0190

■ 19.3587, 12.4823,
9.8339

■ 28.5403, 26.1156,
27.4760

■ 18.0838, 10.6948,
7.0587


■ 31.9791, 31.3526,
33.6797


■ 17.1584, 9.4554,
4.8649


■ 35.9179, 37.3930,
40.6569


■ 16.5452, 8.6998,
3.2095


■ 40.3760, 44.2687,
48.4333

 16.2164, 8.3275,
2.2205

 45.3713, 52.0100,
57.0332

 50.9212, 60.6454,
66.4800

 57.0419, 70.2024,
76.7961

 63.7493, 80.7072,
88.0029

Harmonies

Analogous

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



22.6828, 17.9126, 25.9016



23.0803, 17.9126, 17.2799



21.7184, 17.9126, 11.2456

Triad

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



23.0803, 17.9126, 17.2799



13.8241, 17.9126, 9.5674



15.0784, 17.9126, 38.1746

Complementary

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



23.0803, 17.9126, 17.2799



24.4991, 32.4792, 35.1167

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.



13.0624, 17.9126, 31.0525



23.0803, 17.9126, 17.2799



12.3968, 17.9126, 14.2571

Square

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



23.0803, 17.9126, 17.2799



16.2301, 17.9126, 7.6854



12.1345, 17.9126, 21.9107



17.8463, 17.9126, 39.6562

Rectangle

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



23.0803, 17.9126, 17.2799



20.0771, 17.9126, 8.9092



12.1345, 17.9126, 21.9107



14.2997, 17.9126, 36.2810

Sweetspot

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



23.0808, 17.9135, 17.2802



56.4076, 54.8293, 58.7708



24.3873, 18.1127, 38.7700



12.3169, 11.8027, 12.6024



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.



23.0808, 17.9135, 17.2802



37.9755, 27.1307, 24.3701



24.5731, 22.0363, 14.2687



7.5902, 7.5659, 8.1591



12.4236, 6.3781, 1.7762



0.3190, 0.1619, 0.1316

Inverse Universe

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



23.0808, 17.9135, 17.2802



37.9755, 27.1307, 24.3701



22.1845, 25.8899, 40.3873



7.5902, 7.5659, 8.1591



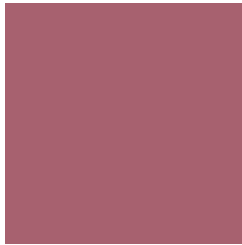
12.4236, 6.3781, 1.7762



0.3190, 0.1619, 0.1316

Previews

White Background



This preview shows how the XYZ color 23.0803, 17.9126, 17.2799 looks on a white background.

Color Contrast Check

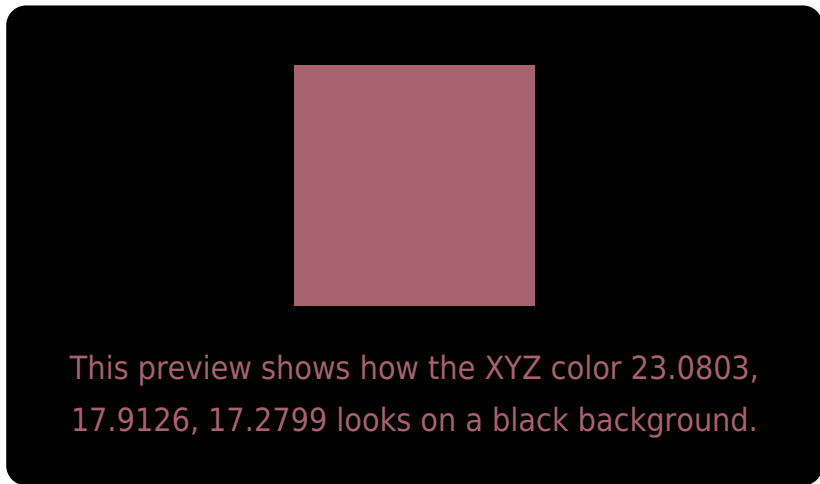
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 23.0803, 17.9126, 17.2799

Background



This preview shows how black text looks on a background with the XYZ color 23.0803, 17.9126, 17.2799.



This preview shows how white text looks on a background with the XYZ color 23.0803, 17.9126,

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

23.0803, 17.9126, 17.2799

Protanopia

17.4819, 18.0497, 20.9749

Deuteranopia

18.3970, 18.1039, 16.7121



Tritanopia

22.6434, 17.8623, 15.6189

Trichromacy



Original Color

23.0803, 17.9126, 17.2799

Protanomaly

18.9993, 17.6941, 19.5535

Deuteranomaly

19.7999, 17.8490, 16.8696

Tritanomaly

22.7474, 17.9039, 16.1668

Monochromacy



Original Color

23.0803, 17.9126, 17.2799

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.3216, 18.1911, 19.3225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0803, 17.9126, 17.2799 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(167, 97, 111)` looks like.

```
.text, #text, p{  
    color:rgb(167, 97, 111)  
}
```

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(167, 97, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 97, 111) }
```

Border

The CSS property to change the border of an element to XYZ 23.0803, 17.9126, 17.2799 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(167, 97, 111) }
```


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

```
.border{ border-color:rgb(167, 97, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 97, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 97, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 97, 111);  
box-shadow:4px 4px 4px 4px rgb(167, 97,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0803, 17.9126, 17.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 97, 111) }
```

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

```
.background{ background-color: rgb(167, 97,  
111) }
```

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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