

Converting Colors

XYZ(23.6735, 17.8132, 18.7404)

Have a look what the booklet for
XYZ(23.6735, 17.8132, 18.7404)
contains.

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Color

**XYZ(23.7327, 17.8124,
18.7103)**

Conversions

Conversions Part 1

Format	Color
Hex	AA5E74
RGB	170, 94, 116
RGB Percent	67%, 37%, 45%
CMY	0.3333, 0.6314, 0.5451
CMYK	0.00, 0.45, 0.32, 0.33
HSL	343°, 31%, 52%
HSV	343°, 45%, 67%
XYZ	23.7327, 17.8124, 18.7103
YIQ	119.2320, 38.2340, 22.9540

Conversions

Conversions Part 2

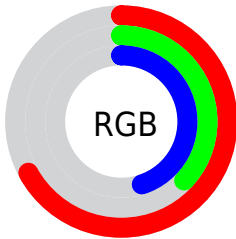
Format	Color
R _Y B	170, 94, 116
Decimal	11165300
CIE Lab	49.27, 33.53, 1.34
CIE LCh	49, 33.552, 2.288
Yxy	17.8124, 0.3939, 0.2956
Android (android.graphics.Color)	4289355380 (0xFFAA5E74)
YUV	119.2320, -1.5934, 44.5235
Hunter-Lab	42.2047, 26.5164, 3.2587

Details

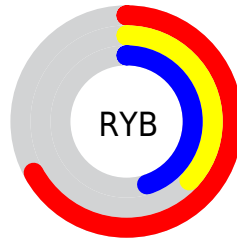
The XYZ color **23.7327, 17.8124, 18.7103** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.3370, 33.2678, 33.1574**, and the grayscale version is **17.6049, 18.5218, 20.1702**.

A 20% lighter version of the original color is **49.0253, 39.7158, 42.1278**, and **9.0520, 5.9390, 6.1381** is the 20% darker color. If you saturate the color by 10%, you get **21.7265, 14.8524, 14.7974**, and if you desaturate by 10%, it is **26.1642, 21.4766, 23.2162**.

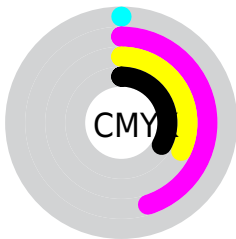
Distribution



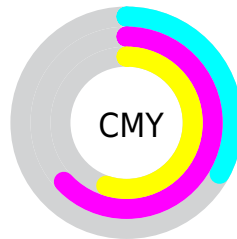
- Red (67%)
- Green (37%)
- Blue (45%)



- Red (67%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (45%)
- Yellow (32%)
- Black (33%)




- Cyan (33%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.7327, 17.8124, 18.7103 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 23.7327, 17.8124, 18.7103 by changing the saturation by 10% instead.


 23.7327, 17.8124,
18.7103


 23.7327, 17.8124,
18.7103


263.9319,
239.8115, 257.2140


 15.2591, 10.8154,
11.2864


 49.0515, 39.7174,
42.0742

 9.0889, 5.9428,
6.1433


 66.6274, 55.3942,
58.8512

 4.8568, 2.8103,
2.8622

 87.9682, 74.7330,
79.5831

 2.1974, 1.0335,
1.0247

 113.4392, 98.1182,
104.6884

 0.7414, 0.0000,
0.0000

143.4057,
125.9343, 134.5856

 0.0000, 0.0000,
0.0000

178.2330,

158.5656, 169.6932

218.2867,
196.3966, 210.4298

■ 23.7327, 17.8124,
18.7103

■ 23.7327, 17.8124,
18.7103

■ 21.7265, 14.8524,
14.7974

■ 26.1642, 21.4766,
23.2162

■ 20.1186, 12.5482,
11.4506

■ 29.0429, 25.8838,
28.3381

■ 18.8809, 10.8498,
8.6425


■ 32.3909, 31.0732,
34.0992


■ 17.9809, 9.6986,
6.3425


■ 36.2285, 37.0803,
40.5209


■ 17.3795, 9.0232,
4.5163


■ 40.5747, 43.9386,
47.6238

 17.1364, 8.7696,
3.7180

 45.4474, 51.6796,
55.4275

 50.8638, 60.3333,
63.9506

 56.8401, 69.9281,
73.2113

 63.3919, 80.4914,
83.2271

Harmonies

Analogous

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



22.8789, 17.8124, 28.6322



23.7327, 17.8124, 18.7103



22.5846, 17.8124, 11.5253

Triad

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



23.7327, 17.8124, 18.7103



13.8962, 17.8124, 8.1150



14.2666, 17.8124, 39.1635

Complementary

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



23.7327, 17.8124, 18.7103



24.3370, 33.2678, 33.1574

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.



12.3083, 17.8124, 30.2159



23.7327, 17.8124, 18.7103



12.1138, 17.8124, 12.3942

Square

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



23.7327, 17.8124, 18.7103



16.6895, 17.8124, 6.7118



11.5702, 17.8124, 20.0955



17.1731, 17.8124, 42.4060

Rectangle

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



23.7327, 17.8124, 18.7103



20.9123, 17.8124, 8.6533



11.5702, 17.8124, 20.0955



13.4886, 17.8124, 36.6103

Sweetspot

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



23.7332, 17.8133, 18.7106



59.7350, 57.8839, 63.5032



23.3277, 17.1302, 40.1074



13.0058, 12.4168, 13.6272



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.7332, 17.8133, 18.7106



39.3303, 26.8170, 26.6671



24.0886, 20.3351, 13.2462



7.6171, 7.5767, 8.3008



12.6272, 6.4596, 2.8484



0.3290, 0.1659, 0.1842

Inverse Universe

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



23.7332, 17.8133, 18.7106



39.3303, 26.8170, 26.6671



23.5606, 28.6588, 42.3204



7.6171, 7.5767, 8.3008



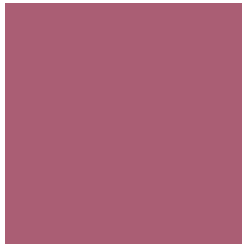
12.6272, 6.4596, 2.8484



0.3290, 0.1659, 0.1842

Previews

White Background



This preview shows how the XYZ color 23.7327, 17.8124, 18.7103 looks on a white background.

Color Contrast Check

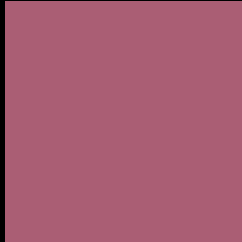
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.7327, 17.8124, 18.7103 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 23.7327, 17.8124, 18.7103

Background



This preview shows how black text looks on a background with the XYZ color 23.7327, 17.8124, 18.7103.



This preview shows how white text looks on a background with the XYZ color 23.7327, 17.8124,

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

23.7327, 17.8124, 18.7103

Protanopia

17.5262, 18.0206, 23.3235

Deuteranopia

18.3580, 18.0522, 18.1396



Tritanopia

22.9932, 17.7800, 15.0520

Trichromacy



Original Color

23.7327, 17.8124, 18.7103

Protanomaly

19.2601, 17.6268, 21.4560

Deuteranomaly

19.9720, 17.7500, 18.2930

Tritanomaly

23.1612, 17.7021, 16.3835

Monochromacy



Original Color

23.7327, 17.8124, 18.7103

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.3272, 17.8631, 19.5688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7327, 17.8124, 18.7103 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(170, 94, 116)` looks like.

```
.text, #text, p{  
    color:rgb(170, 94, 116)  
}
```

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(170, 94, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 94, 116) }
```

Border

The CSS property to change the border of an element to XYZ 23.7327, 17.8124, 18.7103 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(170, 94, 116) }
```


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

```
.border{ border-color:rgb(170, 94, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 94, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 94, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 94, 116);  
box-shadow:4px 4px 4px 4px rgb(170, 94,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7327, 17.8124, 18.7103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 94, 116) }
```

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

```
.background{ background-color: rgb(170, 94,  
116) }
```

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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