

Converting Colors

XYZ(23.2858, 18.9248, 17.0789)

Have a look what the booklet for
XYZ(23.2858, 18.9248, 17.0789)
contains.

XYZ(23.1818, 18.8256, 17.1637)	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(23.1818, 18.8256,
17.1637)**

Conversions

Conversions Part 1

Format	Color
Hex	A5676E
RGB	165, 103, 110
RGB Percent	65%, 40%, 43%
CMY	0.3529, 0.5961, 0.5686
CMYK	0.00, 0.38, 0.33, 0.35
HSL	353°, 26%, 53%
HSV	353°, 38%, 65%
XYZ	23.1818, 18.8256, 17.1637
YIQ	122.3360, 34.7050, 15.3210

Conversions

Conversions Part 2

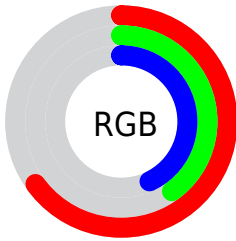
Format	Color
R_{YB}	165, 103, 110
Decimal	10839918
CIE _{Lab}	50.48, 25.83, 6.59
CIE _{LCh}	50, 26.660, 14.302
Yxy	18.8256, 0.3918, 0.3182
Android (android.graphics.Color)	4289029998 (0xFFA5676E)
YUV	122.3360, -6.0816, 37.4163
Hunter-Lab	43.3885, 19.4400, 6.9179

Details

The XYZ color **23.1818, 18.8256, 17.1637** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.2211, 32.2630, 37.2476**, and the grayscale version is **18.6203, 19.5900, 21.3335**.

A 20% lighter version of the original color is **48.2786, 41.5455, 39.1927**, and **8.8189, 6.4708, 5.4868** is the 20% darker color. If you saturate the color by 10%, you get **20.9674, 15.5686, 12.8130**, and if you desaturate by 10%, it is **25.8528, 22.7848, 22.3165**.

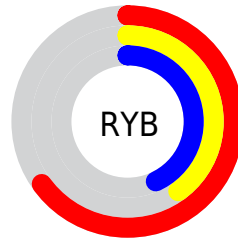
Distribution



Red (65%)

Green (40%)

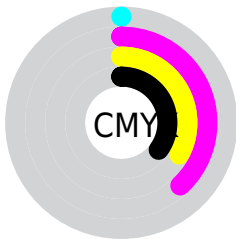
Blue (43%)



Red (65%)

Yellow (40%)

Blue (43%)

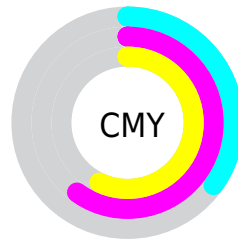


Cyan (0%)

Magenta (38%)

Yellow (33%)

Black (35%)



Cyan (35%)


Magenta (60%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.1818, 18.8256, 17.1637 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 23.1818, 18.8256, 17.1637 by changing the saturation by 10% instead.


 23.1818, 18.8256,
17.1637


 23.1818, 18.8256,
17.1637


261.1753,
245.4843, 248.1898


 14.8492, 11.5443,
10.1881


 48.1561, 41.4392,
39.4015


 8.7993, 6.4342,
5.4166


 65.5286, 57.5403,
55.5008

 4.6665, 3.1109,
2.4307

 86.6451, 77.3502,
75.4784

 2.0857, 1.1899,
0.8031

 111.8710,
101.2531, 99.7528

 0.6814, 0.0534,
0.0000

141.5716,
129.6337, 128.7426

 0.0000, 0.0000,
0.0000

176.1123,

162.8761, 162.8664

215.8584,
201.3648, 202.5426

■ 23.1818, 18.8256,
17.1637

■ 23.1818, 18.8256,
17.1637

■ 20.9674, 15.5686,
12.8130

■ 25.8528, 22.7848,
22.3165

■ 19.1824, 12.9702,
9.2230

■ 29.0023, 27.4811,
28.3080

■ 17.7993, 10.9862,
6.3501


■ 32.6530, 32.9502,
35.1736


■ 16.7863, 9.5658,
4.1457


■ 36.8254, 39.2247,
42.9465


■ 16.1072, 8.6500,
2.5554


■ 41.5389, 46.3356,
51.6581

 15.7071, 8.1449,
1.5121

 46.8120, 54.3118,
61.3384

 15.6315, 8.0451,
1.3282

 52.6622, 63.1813,
72.0159

 59.1063, 72.9705,
83.7181

 66.1605, 83.7047,
96.4713

Harmonies

Analogous

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



23.1444, 18.8256, 24.6162



23.1818, 18.8256, 17.1637



21.7105, 18.8256, 12.0432

Triad

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



23.1818, 18.8256, 17.1637



14.6268, 18.8256, 11.8713



16.5757, 18.8256, 37.5802

Complementary

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



23.1818, 18.8256, 17.1637



25.2211, 32.2630, 37.2476

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.



14.5518, 18.8256, 32.1981



23.1818, 18.8256, 17.1637



13.5031, 18.8256, 16.8666

Square

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



23.1818, 18.8256, 17.1637



16.6876, 18.8256, 9.5275



13.4771, 18.8256, 24.2381



19.1555, 18.8256, 37.7154

Rectangle

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



23.1818, 18.8256, 17.1637



20.1472, 18.8256, 10.1223



13.4771, 18.8256, 24.2381



15.8138, 18.8256, 36.2757

Sweetspot

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



23.1823, 18.8265, 17.1641



56.0007, 55.2937, 58.3472



25.6971, 19.6635, 38.0385



12.0595, 11.8135, 12.4112



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.1823, 18.8265, 17.1641



38.1878, 28.8151, 24.2094



25.5251, 24.0980, 16.1391



7.1048, 7.0984, 7.5382



11.8354, 6.0902, 1.0579



0.2577, 0.1316, 0.0697

Inverse Universe

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



23.1823, 18.8265, 17.1641



38.1878, 28.8151, 24.2094



21.9452, 24.7196, 39.2122



7.1048, 7.0984, 7.5382



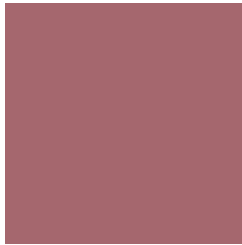
11.8354, 6.0902, 1.0579



0.2577, 0.1316, 0.0697

Previews

White Background



This preview shows how the XYZ color 23.1818, 18.8256, 17.1637 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 23.1818, 18.8256, 17.1637 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 23.1818, 18.8256, 17.1637

Background



This preview shows how black text looks on a background with the XYZ color 23.1818, 18.8256, 17.1637.



This preview shows how white text looks on a background with the XYZ color 23.1818, 18.8256,

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

23.1818, 18.8256, 17.1637

Protanopia

18.2146, 18.9758, 20.1554

Deuteranopia

19.2687, 18.8919, 16.8183



Tritanopia

23.2365, 18.8475, 17.4522

Trichromacy



Original Color

23.1818, 18.8256, 17.1637

Protanomaly

19.6509, 18.6989, 19.0965

Deuteranomaly

20.4774, 18.6760, 16.9936

Tritanomaly

23.2365, 18.8475, 17.4522

Monochromacy



Original Color

23.1818, 18.8256, 17.1637

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.8820, 18.9727, 19.7538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1818, 18.8256, 17.1637 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(165, 103, 110)` looks like.

```
.text, #text, p{  
    color:rgb(165, 103, 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(165, 103, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 103, 110) }
```

Border

The CSS property to change the border of an element to XYZ 23.1818, 18.8256, 17.1637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

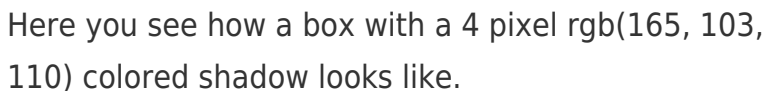
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 103, 110) }
```


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

```
.border{ border-color:rgb(165, 103, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 103, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 103, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 103, 110); box-shadow:4px 4px 4px 4px rgb(165, 103, 110) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1818, 18.8256, 17.1637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 103, 110) }
```

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

```
.background{ background-color: rgb(165,  
103, 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](#).

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