

Converting Colors

XYZ(18.7288, 13.9754, 10.0648)

Have a look what the booklet for
XYZ(18.7288, 13.9754, 10.0648)
contains.

XYZ(18.7181, 13.9438, 10.0924)	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(18.7181, 13.9438,
10.0924)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5254
RGB	158, 82, 84
RGB Percent	62%, 32%, 33%
CMY	0.3804, 0.6784, 0.6706
CMYK	0.00, 0.48, 0.47, 0.38
HSL	358°, 32%, 47%
HSV	358°, 48%, 62%
XYZ	18.7181, 13.9438, 10.0924
YIQ	104.9520, 44.6540, 16.7340

Conversions

Conversions Part 2

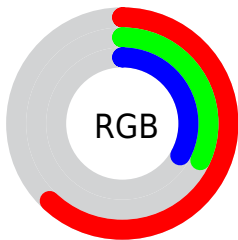
Format	Color
RYB	158, 82, 84
Decimal	10375764
CIELab	44.15, 31.62, 13.20
CIELCh	44, 34.267, 22.654
Yxy	13.9438, 0.4378, 0.3261
Android (android.graphics.Color)	4288565844 (0xFF9E5254)
YUV	104.9520, -10.3293, 46.5231
Hunter-Lab	37.3414, 24.1291, 10.1144

Details

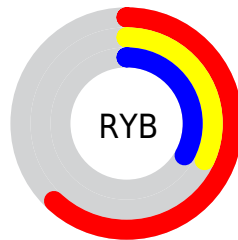
The XYZ color **18.7181, 13.9438, 10.0924** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7080, 28.6482, 35.8398**, and the grayscale version is **13.4333, 14.1329, 15.3907**.

A 20% lighter version of the original color is **40.6455, 32.9156, 26.4014**, and **6.5318, 4.1741, 2.3809** is the 20% darker color. If you saturate the color by 10%, you get **17.1230, 11.6144, 6.9072**, and if you desaturate by 10%, it is **20.7206, 16.8762, 14.0667**.

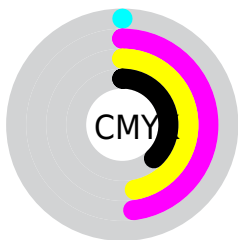
Distribution



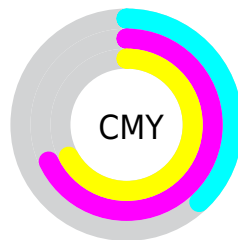
- Red (62%)
- Green (32%)
- Blue (33%)



- Red (62%)
- Yellow (32%)
- Blue (33%)



- Cyan (0%)
- Magenta (48%)
- Yellow (47%)
- Black (38%)



- Cyan (38%)
- Magenta (68%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7181, 13.9438, 10.0924 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 18.7181, 13.9438, 10.0924 by changing the saturation by 10% instead.

■ 18.7181, 13.9438,
10.0924

■ 18.7181, 13.9438,
10.0924

237.8562,
216.8809, 201.8390

■ 11.5696, 8.0816,
5.3539

■ 40.7778, 32.9893,
26.5797

■ 6.5214, 4.1472,
2.3940

■ 56.4196, 46.9413,
39.1655

■ 3.2083, 1.7562,
0.7832

■ 75.6233, 64.3588,
55.2042

■ 1.2648, 0.4597,
0.0000

■ 98.7541, 85.6260,
75.1142

■ 0.1567, 0.0000,
0.0000

■ 126.1774,
111.1275, 99.3142

■ 0.0000, 0.0000,
0.0000

158.2587,

141.2475, 128.2226

195.3631,
176.3705, 162.2580

■ 18.7181, 13.9438,
10.0924

■ 18.7181, 13.9438,
10.0924

■ 17.1230, 11.6144,
6.9072

■ 20.7206, 16.8762,
14.0667

■ 15.9064, 9.8442,
4.4578

■ 23.1547, 20.4473,
18.8769

■ 15.0374, 8.5870,
2.6856


■ 26.0440, 24.6924,
24.5674


■ 14.4794, 7.7880,
1.5226


■ 29.4099, 29.6436,
31.1790


■ 14.1719, 7.3498,
0.8749


■ 33.2727, 35.3311,
38.7499

 14.1233, 7.2782,
0.7796

 37.6514, 41.7832,
47.3163

 42.5640, 49.0268,
56.9125

 48.0276, 57.0874,
67.5710

 54.0586, 65.9895,
79.3232

Harmonies

Analogous

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



19.1778, 13.9438, 17.1892



18.7181, 13.9438, 10.0924



16.7033, 13.9438, 6.0859

Triad

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



18.7181, 13.9438, 10.0924



9.4992, 13.9438, 7.7606



12.5925, 13.9438, 35.5338

Complementary

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



18.7181, 13.9438, 10.0924



21.7080, 28.6482, 35.8398

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.



10.3142, 13.9438, 30.5642



18.7181, 13.9438, 10.0924



8.6948, 13.9438, 13.3382

Square

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



18.7181, 13.9438, 10.0924



11.3305, 13.9438, 5.0985



8.9712, 13.9438, 21.7478



15.3819, 13.9438, 33.7361

Rectangle

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



18.7181, 13.9438, 10.0924



14.8824, 13.9438, 4.8717



8.9712, 13.9438, 21.7478



11.7474, 13.9438, 34.5541

Sweetspot

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



18.7185, 13.9445, 10.0927



49.5294, 48.1257, 49.0051



22.7965, 15.5188, 34.1416



10.8934, 10.4484, 10.5116



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



18.7185, 13.9445, 10.0927



30.8357, 20.7132, 12.0228



22.0398, 20.7106, 10.8195



6.6398, 6.6488, 6.9541



11.3136, 5.8300, 0.6367



0.2041, 0.1050, 0.0210

Inverse Universe

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



18.7185, 13.9445, 10.0927



30.8357, 20.7132, 12.0228



16.6771, 18.3136, 35.0036



6.6398, 6.6488, 6.9541



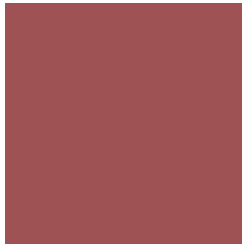
11.3136, 5.8300, 0.6367



0.2041, 0.1050, 0.0210

Previews

White Background



This preview shows how the XYZ color 18.7181, 13.9438, 10.0924 looks on a white background.

Color Contrast Check

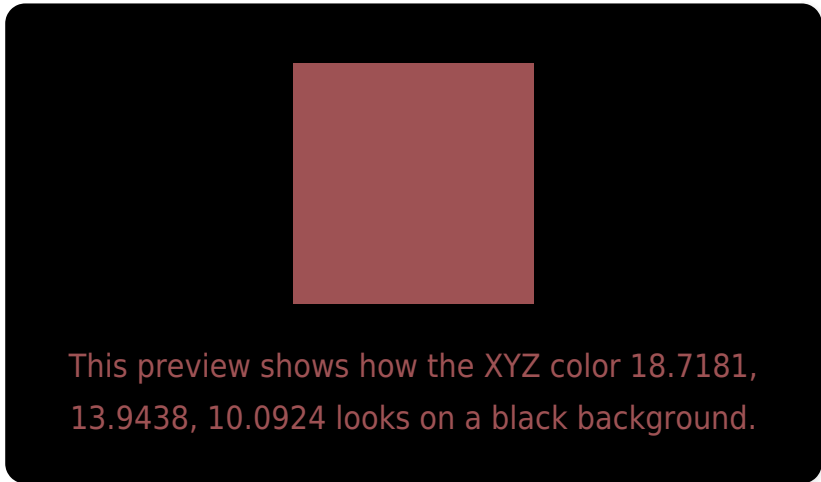
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

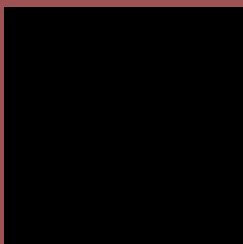
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.7181, 13.9438, 10.0924

Background



This preview shows how black text looks on a background with the XYZ color 18.7181, 13.9438, 10.0924.



This preview shows how white text looks on a background with the XYZ color 18.7181, 13.9438,

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

18.7181, 13.9438, 10.0924

Protanopia

13.4238, 14.1806, 12.8561

Deuteranopia

14.3073, 14.1124, 9.7545



Tritanopia

18.7633, 13.8421, 10.6997

Trichromacy



Original Color

18.7181, 13.9438, 10.0924

Protanomaly

14.9154, 13.8167, 11.7783

Deuteranomaly

15.6790, 13.8488, 9.8294

Tritanomaly

18.7227, 13.8258, 10.4860

Monochromacy



Original Color

18.7181, 13.9438, 10.0924

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.7445, 13.6975, 13.1760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7181, 13.9438, 10.0924 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(158, 82, 84)` looks like.

```
.text, #text, p{  
    color:rgb(158, 82, 84)  
}
```

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(158, 82, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 82, 84) }
```

Border

The CSS property to change the border of an element to XYZ 18.7181, 13.9438, 10.0924 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(158, 82, 84) }
```


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

```
.border{ border-color:rgb(158, 82, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 82, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 82, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 82, 84);  
box-shadow:4px 4px 4px 4px rgb(158, 82,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7181, 13.9438, 10.0924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 82, 84) }
```

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

```
.background{ background-color: rgb(158, 82,  
84) }
```

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