

Converting Colors

XYZ(18.1876, 15.1752, 8.4491)

Have a look what the booklet for
XYZ(18.1876, 15.1752, 8.4491)
contains.

XYZ(18.1876, 15.1752, 8.4491)	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(18.1876, 15.1752,
8.4491)**

Conversions

Conversions Part 1

Format	Color
Hex	985E4A
RGB	152, 94, 74
RGB Percent	60%, 37%, 29%
CMY	0.4039, 0.6314, 0.7098
CMYK	0.00, 0.38, 0.51, 0.40
HSL	15°, 35%, 44%
HSV	15°, 51%, 60%
XYZ	18.1876, 15.1752, 8.4491
YIQ	109.0620, 40.9880, 6.0760

Conversions

Conversions Part 2

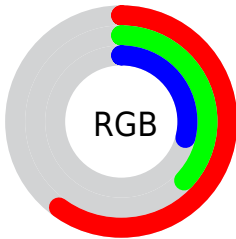
Format	Color
R_{YB}	152, 101, 74
Decimal	9985610
CIE _{Lab}	45.87, 21.43, 21.37
CIE _{LCh}	46, 30.266, 44.921
Yxy	15.1752, 0.4350, 0.3629
Android (android.graphics.Color)	4288175690 (0xFF985E4A)
YUV	109.0620, -17.2856, 37.6566
Hunter-Lab	38.9554, 15.1668, 14.4092

Details

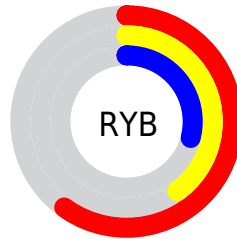
The XYZ color **18.1876, 15.1752, 8.4491** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.7424, 20.2244, 32.7269**, and the grayscale version is **14.5931, 15.3531, 16.7195**.

A 20% lighter version of the original color is **39.9950, 35.2362, 23.4322**, and **6.2879, 4.7234, 1.8086** is the 20% darker color. If you saturate the color by 10%, you get **16.8036, 13.1302, 5.7594**, and if you desaturate by 10%, it is **19.8433, 17.5656, 11.8402**.

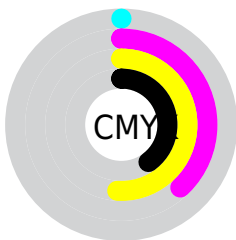
Distribution



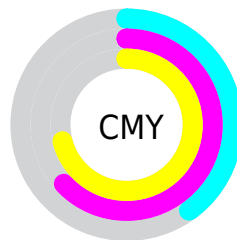
- Red (60%)
- Green (37%)
- Blue (29%)



- Red (60%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (38%)
- Yellow (51%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1876, 15.1752, 8.4491 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 18.1876, 15.1752, 8.4491 by changing the saturation by 10% instead.

■ 18.1876, 15.1752,
8.4491

■ 18.1876, 15.1752,
8.4491

234.9515,
224.4242, 189.2775

■ 11.1853, 8.9424,
4.2918

■ 39.8843, 35.1602,
23.3948

■ 6.2598, 4.7037,
1.7867

■ 55.3094, 49.6813,
35.0203

■ 3.0458, 2.0745,
0.4192

■ 74.2728, 67.7339,
49.9722

■ 1.1781, 0.6502,
0.0000

■ 97.1398, 89.7025,
68.6691

■ 0.0889, 0.0000,
0.0000

■ 124.2758,
115.9714, 91.5295

■ 0.0000, 0.0000,
0.0000

156.0462,

146.9251, 118.9721

192.8163,
182.9479, 151.4152

■ 18.1876, 15.1752,
8.4491

■ 18.1876, 15.1752,
8.4491

■ 16.8036, 13.1302,
5.7594

■ 19.8433, 17.5656,
11.8402

■ 15.6748, 11.4118,
3.7203

■ 21.7836, 20.3144,
15.9767

■ 14.7843, 10.0032,
2.2755

■ 24.0222, 23.4366,
20.9002

■ 14.1126, 8.8846,
1.3587

■ 26.5713, 26.9456,
26.6488

■ 13.6737, 8.1252,
0.8476

■ 29.4424, 30.8543,
33.2582

■ 32.6465, 35.1749,
40.7620

■ 36.1940, 39.9191,
49.1919

■ 40.0949, 45.0980,
58.5781

■ 44.3587, 50.7225,
68.9496

Harmonies

Analogous

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



19.7080, 15.1752, 13.1601



18.1876, 15.1752, 8.4491



15.7392, 15.1752, 6.3241

Triad

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



18.1876, 15.1752, 8.4491



10.1826, 15.1752, 13.1279



15.7253, 15.1752, 34.1787

Complementary

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



18.1876, 15.1752, 8.4491



16.7424, 20.2244, 32.7269

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.



13.1834, 15.1752, 34.1624



18.1876, 15.1752, 8.4491



10.1798, 15.1752, 20.4154

Square

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



18.1876, 15.1752, 8.4491



11.2265, 15.1752, 8.4316



11.2184, 15.1752, 28.5764



18.1764, 15.1752, 28.6160

Rectangle

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



18.1876, 15.1752, 8.4491



14.0064, 15.1752, 6.0989



11.2184, 15.1752, 28.5764



14.8489, 15.1752, 34.8690

Sweetspot

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



18.1880, 15.1760, 8.4494



45.0450, 45.0156, 42.8243



19.5968, 13.2527, 23.5348



10.0397, 9.9583, 9.2860



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.1880, 15.1760, 8.4494



29.2498, 22.5592, 9.4001



22.5041, 23.8082, 9.8881



6.3312, 6.4675, 6.5205



11.4873, 6.8570, 0.7181



0.1978, 0.1547, 0.0194

Inverse Universe

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



16.7424, 20.2244, 32.7269



26.3537, 32.4389, 57.3060



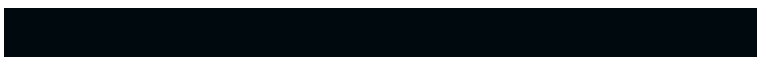
12.4500, 11.6398, 31.2961



6.2504, 6.7582, 7.9040



9.7308, 11.8583, 26.6837



0.1739, 0.2342, 0.4084

Previews

White Background



This preview shows how the XYZ color 18.1876, 15.1752, 8.4491 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 18.1876, 15.1752, 8.4491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

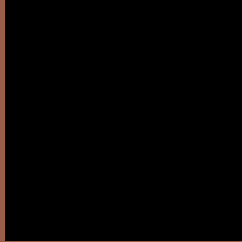
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.1876, 15.1752, 8.4491

Background



This preview shows how black text looks on a background with the XYZ color 18.1876, 15.1752, 8.4491.



This preview shows how white text looks on a background with the XYZ color 18.1876, 15.1752,

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

18.1876, 15.1752, 8.4491

Protanopia

14.2527, 15.2984, 9.7911

Deuteranopia

15.4801, 15.1938, 8.2477



Tritanopia

19.2721, 15.2340, 13.4800

Trichromacy



Original Color

18.1876, 15.1752, 8.4491

Protanomaly

15.5314, 15.1965, 9.3224

Deuteranomaly

16.4072, 15.0843, 8.3501

Tritanomaly

18.7672, 15.1479, 11.3859

Monochromacy



Original Color

18.1876, 15.1752, 8.4491

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.5191, 15.1051, 13.1640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1876, 15.1752, 8.4491 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(152, 94, 74)` looks like.

```
.text, #text, p{  
    color:rgb(152, 94, 74)  
}
```

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(152, 94, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 94, 74) }
```

Border

The CSS property to change the border of an element to XYZ 18.1876, 15.1752, 8.4491 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(152, 94, 74) }
```


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

```
.border{ border-color:rgb(152, 94, 74) }
```

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

Here you see how a box with a 4 pixel rgb(152, 94, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 94, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 94, 74);  
box-shadow:4px 4px 4px 4px rgb(152, 94,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1876, 15.1752, 8.4491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 94, 74) }
```

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

```
.background{ background-color: rgb(152, 94,  
74) }
```

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