

Converting Colors

XYZ(18.0902, 16.3630, 9.3330)

Have a look what the booklet for
XYZ(18.0902, 16.3630, 9.3330)
contains.

XYZ(18.0795, 16.3615, 9.4129)	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(18.0795, 16.3615,
9.4129)**

Conversions

Conversions Part 1

Format	Color
Hex	92674E
RGB	146, 103, 78
RGB Percent	57%, 40%, 31%
CMY	0.4274, 0.5961, 0.6941
CMYK	0.00, 0.29, 0.47, 0.43
HSL	22°, 30%, 44%
HSV	22°, 47%, 57%
XYZ	18.0795, 16.3615, 9.4129
YIQ	113.0070, 33.6530, 1.3410

Conversions

Conversions Part 2

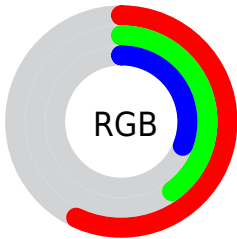
Format	Color
R_{YB}	146, 118, 78
Decimal	9594702
CIE _{Lab}	47.45, 14.08, 20.95
CIE _{LCh}	47, 25.247, 56.096
Yxy	16.3615, 0.4123, 0.3731
Android (android.graphics.Color)	4287784782 (0xFF92674E)
YUV	113.0070, -17.2585, 28.9349
Hunter-Lab	40.4494, 8.9971, 14.5173

Details

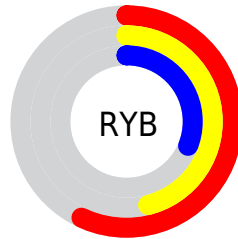
The XYZ color **18.0795, 16.3615, 9.4129** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.1674, 17.3693, 29.7475**, and the grayscale version is **15.7410, 16.5608, 18.0347**.

A 20% lighter version of the original color is **39.7435, 37.2001, 25.1643**, and **6.2029, 5.2653, 2.1282** is the 20% darker color. If you saturate the color by 10%, you get **16.7450, 14.4393, 6.6661**, and if you desaturate by 10%, it is **19.6324, 18.5346, 12.8063**.

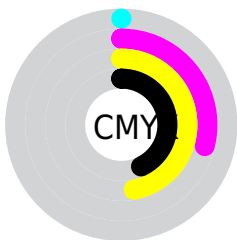
Distribution



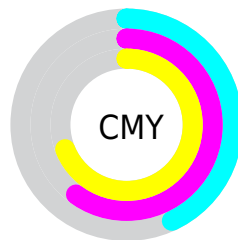
- Red (57%)
- Green (40%)
- Blue (31%)



- Red (57%)
- Yellow (46%)
- Blue (31%)



- Cyan (0%)
- Magenta (29%)
- Yellow (47%)
- Black (43%)



- Cyan (43%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0795, 16.3615, 9.4129 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 18.0795, 16.3615, 9.4129 by changing the saturation by 10% instead.

■ 18.0795, 16.3615,
9.4129

■ 18.0795, 16.3615,
9.4129

234.3557,
231.4655, 196.7590

■ 11.1071, 9.7803,
4.9110

■ 39.7018, 37.2247,
25.2755

■ 6.2067, 5.2535,
2.1373

■ 55.0824, 52.2754,
37.4733

■ 3.0131, 2.3968,
0.6378

■ 73.9964, 70.9182,
53.0735

■ 1.1607, 0.8242,
0.0000

■ 96.8092, 93.5373,
72.4946

■ 0.0750, 0.0000,
0.0000

■ 123.8862,
120.5172, 96.1552

■ 0.0000, 0.0000,
0.0000

155.5927,

152.2423, 124.4737

192.2941,
189.0969, 157.8688

■ 18.0795, 16.3615,
9.4129

■ 18.0795, 16.3615,
9.4129

■ 16.7450, 14.4393,
6.6661

■ 19.6324, 18.5346,
12.8063

■ 15.6167, 12.7559,
4.5228

■ 21.4128, 20.9653,
16.8836

■ 14.6828, 11.3017,
2.9362

■ 23.4306, 23.6631,
21.6803

■ 13.9296, 10.0655,
1.8520

■ 25.6946, 26.6359,
27.2293

■ 13.3370, 9.0329,
1.1842

■ 28.2133, 29.8918,
33.5613

■ 13.1586, 8.7199,
0.9896

■ 30.9947, 33.4380,
40.7054

■ 34.0465, 37.2819,
48.6892

■ 37.3760, 41.4303,
57.5389

■ 40.9903, 45.8899,
67.2796

Harmonies

Analogous

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



19.7487, 16.3615, 12.9211



18.0795, 16.3615, 9.4129



15.8462, 16.3615, 8.1245

Triad

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



18.0795, 16.3615, 9.4129



11.6376, 16.3615, 16.9882



17.5237, 16.3615, 31.3475

Complementary

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



18.0795, 16.3615, 9.4129



15.1674, 17.3693, 29.7475

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.



15.2597, 16.3615, 33.1729



18.0795, 16.3615, 9.4129



11.9949, 16.3615, 23.8104

Square

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



18.0795, 16.3615, 9.4129



12.2432, 16.3615, 11.7820



13.2702, 16.3615, 30.1393



19.4068, 16.3615, 25.6194

Rectangle

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



18.0795, 16.3615, 9.4129



14.3873, 16.3615, 8.3971



13.2702, 16.3615, 30.1393



16.7761, 16.3615, 32.4891

Sweetspot

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



18.0799, 16.3623, 9.4132



42.2103, 42.9025, 40.3703



18.0339, 12.9421, 19.6584



9.2249, 9.3257, 8.5801



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.0799, 16.3623, 9.4132



29.4194, 25.2956, 11.5213



22.1656, 24.5336, 10.7751



5.9650, 6.1438, 6.1120



11.5994, 7.7132, 0.8774



0.1684, 0.1472, 0.0195

Inverse Universe

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



15.1674, 17.3693, 29.7475



23.6043, 27.2648, 51.9921



11.7440, 10.5224, 28.6063



5.7866, 6.2073, 7.3629



7.9796, 8.6539, 25.1808



0.1259, 0.1624, 0.3176

Previews

White Background



This preview shows how the XYZ color 18.0795, 16.3615, 9.4129 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 18.0795, 16.3615, 9.4129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

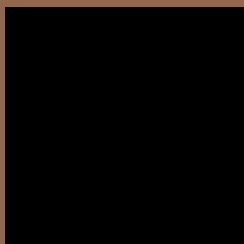
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.0795, 16.3615, 9.4129

Background



This preview shows how black text looks on a background with the XYZ color 18.0795, 16.3615, 9.4129.



This preview shows how white text looks on a background with the XYZ color 18.0795, 16.3615,

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

18.0795, 16.3615, 9.4129

Protanopia

15.3133, 16.4844, 10.3574

Deuteranopia

16.6938, 16.4118, 9.3091



Tritanopia

19.3284, 16.2811, 16.0338

Trichromacy



Original Color

18.0795, 16.3615, 9.4129

Protanomaly

16.1598, 16.2772, 10.0747

Deuteranomaly

17.1410, 16.3329, 9.2703

Tritanomaly

18.7011, 16.1619, 13.2002

Monochromacy



Original Color

18.0795, 16.3615, 9.4129

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.2263, 16.2174, 14.3316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0795, 16.3615, 9.4129 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(146, 103, 78)` looks like.

```
.text, #text, p{  
    color:rgb(146, 103, 78)  
}
```

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(146, 103, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 103, 78) }
```

Border

The CSS property to change the border of an element to XYZ 18.0795, 16.3615, 9.4129 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(146, 103, 78) }
```


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

```
.border{ border-color:rgb(146, 103, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 103, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 103, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 103, 78);  
box-shadow:4px 4px 4px 4px rgb(146, 103,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0795, 16.3615, 9.4129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 103, 78) }
```

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

```
.background{ background-color: rgb(146,  
103, 78) }
```

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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