

Converting Colors

XYZ(15.8710, 15.9489, 9.1711)

Have a look what the booklet for
XYZ(15.8710, 15.9489, 9.1711)
contains.

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Color

**XYZ(15.9080, 16.0068,
9.2724)**

Conversions

Conversions Part 1

Format	Color
Hex	826C4D
RGB	130, 108, 77
RGB Percent	51%, 42%, 30%
CMY	0.4902, 0.5765, 0.6980
CMYK	0.00, 0.17, 0.41, 0.49
HSL	35°, 26%, 41%
HSV	35°, 41%, 51%
XYZ	15.9080, 16.0068, 9.2724
YIQ	111.0440, 23.0630, -4.9770

Conversions

Conversions Part 2

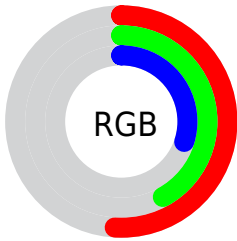
Format	Color
RYB	115, 130, 77
Decimal	8547405
CIELab	46.98, 4.07, 20.60
CIElCh	47, 20.998, 78.833
Yxy	16.0068, 0.3862, 0.3886
Android (android.graphics.Color)	4286737485 (0xFF826C4D)
YUV	111.0440, -16.7837, 16.6244
Hunter-Lab	40.0085, 0.9595, 14.2649

Details

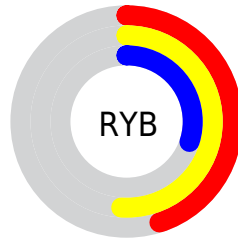
The XYZ color **15.9080, 16.0068, 9.2724** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.5515, 12.1126, 22.8480**, and the grayscale version is **15.1650, 15.9548, 17.3748**.

A 20% lighter version of the original color is **35.9312, 36.4930, 24.8887**, and **5.1539, 5.1040, 2.0800** is the 20% darker color. If you saturate the color by 10%, you get **14.9427, 14.7388, 6.9080**, and if you desaturate by 10%, it is **17.0011, 17.3835, 12.1324**.

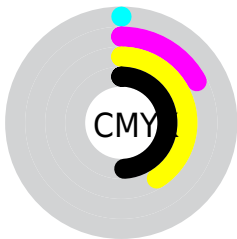
Distribution



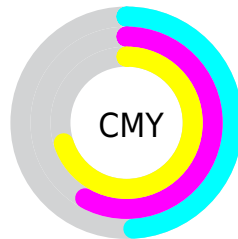
- Red (51%)
- Green (42%)
- Blue (30%)



- Red (45%)
- Yellow (51%)
- Blue (30%)



- Cyan (0%)
- Magenta (17%)
- Yellow (41%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9080, 16.0068, 9.2724 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 15.9080, 16.0068, 9.2724 by changing the saturation by 10% instead.

■ 15.9080, 16.0068,
9.2724

■ 15.9080, 16.0068,
9.2724

222.0793,
229.3818, 195.6895

■ 9.5495, 9.5290,
4.8200

■ 35.9972, 36.6100,
25.0037

■ 5.1613, 5.0878,
2.0852

■ 50.4585, 51.5042,
37.1198

■ 2.3779, 2.2989,
0.6069

■ 68.3516, 69.9726,
52.6274

■ 0.8341, 0.7731,
0.0000

■ 90.0416, 92.3996,
71.9453

■ 0.0000, 0.0000,
0.0000

■ 115.8941,
119.1696, 95.4919

146.2743,

150.6671, 123.6858

181.5476,
187.2764, 156.9454

■ 15.9080, 16.0068,
9.2724

■ 15.9080, 16.0068,
9.2724

■ 14.9427, 14.7388,
6.9080

■ 17.0011, 17.3835,
12.1324

■ 14.0978, 13.5736,
5.0091

■ 18.2265, 18.8699,
15.5139

■ 13.3671, 12.5085,
3.5437

■ 19.5898, 20.4697,
19.4419

■ 12.7429, 11.5392,
2.4755

■ 21.0959, 22.1859,
23.9397

■ 12.2167, 10.6612,
1.7618

■ 22.7496, 24.0213,
29.0291

■ 11.7935, 9.9210,
1.2934

■ 24.5554, 25.9786,
34.7309

■ 26.5174, 28.0602,
41.0648

■ 28.6398, 30.2688,
48.0495

■ 30.9265, 32.6068,
55.7032

Harmonies

Analogous

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



17.6581, 16.0068, 10.8718



15.9080, 16.0068, 9.2724



14.1026, 16.0068, 9.5040

Triad

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



15.9080, 16.0068, 9.2724



12.1113, 16.0068, 20.9003



18.0293, 16.0068, 24.9670

Complementary

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



15.9080, 16.0068, 9.2724



11.5515, 12.1126, 22.8480

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.



16.3823, 16.0068, 28.8560



15.9080, 16.0068, 9.2724



13.0065, 16.0068, 26.2014

Square

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



15.9080, 16.0068, 9.2724



12.0067, 16.0068, 15.5430



14.5405, 16.0068, 29.3484



18.9469, 16.0068, 19.4611

Rectangle

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



15.9080, 16.0068, 9.2724



13.1060, 16.0068, 10.6796



14.5405, 16.0068, 29.3484



17.5367, 16.0068, 26.5504

Sweetspot

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



15.9084, 16.0075, 9.2727



34.1225, 35.6124, 33.1356



14.1160, 10.9562, 13.1962



7.6662, 7.9941, 7.3332



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.9084, 16.0075, 9.2727



26.4207, 26.0976, 12.4137



17.8650, 20.9049, 10.1149



4.5204, 4.7294, 4.5947



11.3150, 9.5264, 1.2424



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.5515, 12.1126, 22.8480



17.6418, 18.2560, 39.7864



10.1125, 8.6875, 22.2628



4.2441, 4.4821, 5.4547



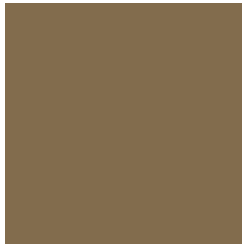
5.1327, 4.0839, 20.7677



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9080, 16.0068, 9.2724 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 15.9080, 16.0068, 9.2724 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 15.9080, 16.0068, 9.2724

Background



This preview shows how black text looks on a background with the XYZ color 15.9080, 16.0068, 9.2724.



This preview shows how white text looks on a background with the XYZ color 15.9080, 16.0068,

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

15.9080, 16.0068, 9.2724

Protanopia

14.8053, 15.9120, 9.4987

Deuteranopia

16.2701, 16.0378, 9.2592



Tritanopia

17.5478, 16.0570, 17.5037

Trichromacy



Original Color

15.9080, 16.0068, 9.2724

Protanomaly

15.2633, 15.9870, 9.4891

Deuteranomaly

16.1130, 15.9567, 9.2519

Tritanomaly

16.8194, 15.9095, 13.9887

Monochromacy



Original Color

15.9080, 16.0068, 9.2724

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2993, 15.9043, 14.0679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9080, 16.0068, 9.2724 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(130, 108, 77)` looks like.

```
.text, #text, p{  
    color:rgb(130, 108, 77)  
}
```

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(130, 108, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 108, 77) }
```

Border

The CSS property to change the border of an element to XYZ 15.9080, 16.0068, 9.2724 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(130, 108, 77) }
```


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

```
.border{ border-color:rgb(130, 108, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 108, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 108, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 108, 77);  
box-shadow:4px 4px 4px 4px rgb(130, 108,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9080, 16.0068, 9.2724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 108, 77) }
```

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

```
.background{ background-color: rgb(130,  
108, 77) }
```

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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