

Converting Colors

XYZ(19.0416, 15.9155, 7.0694)

Have a look what the booklet for
XYZ(19.0416, 15.9155, 7.0694)
contains.

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Color

**XYZ(19.0416, 15.9155,
7.0694)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6041
RGB	157, 96, 65
RGB Percent	62%, 38%, 25%
CMY	0.3843, 0.6235, 0.7451
CMYK	0.00, 0.39, 0.59, 0.38
HSL	20°, 41%, 44%
HSV	20°, 59%, 62%
XYZ	19.0416, 15.9155, 7.0694
YIQ	110.7050, 46.3070, 3.2910

Conversions

Conversions Part 2

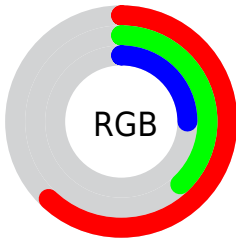
Format	Color
R_{YB}	157, 112, 65
Decimal	10313793
CIE _{Lab}	46.86, 21.60, 28.00
CIE _{LCh}	47, 35.366, 52.349
Yxy	15.9155, 0.4531, 0.3787
Android (android.graphics.Color)	4288503873 (0xFF9D6041)
YUV	110.7050, -22.5326, 40.6007
Hunter-Lab	39.8942, 15.3835, 17.4196

Details

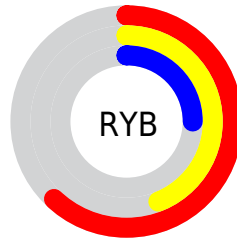
The XYZ color **19.0416, 15.9155, 7.0694** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.7261, 18.4787, 34.6359**, and the grayscale version is **15.0781, 15.8634, 17.2752**.

A 20% lighter version of the original color is **41.1459, 36.3558, 20.4715**, and **6.7132, 5.0755, 1.3353** is the 20% darker color. If you saturate the color by 10%, you get **17.7609, 13.9835, 4.7021**, and if you desaturate by 10%, it is **20.5753, 18.1512, 10.1450**.

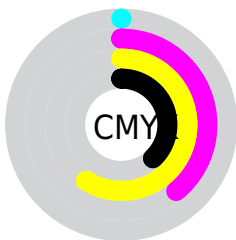
Distribution



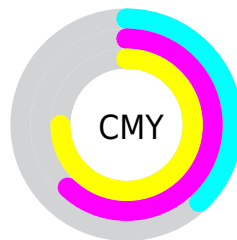
- Red (62%)
- Green (38%)
- Blue (25%)



- Red (62%)
- Yellow (44%)
- Blue (25%)



- Cyan (0%)
- Magenta (39%)
- Yellow (59%)
- Black (38%)





- Cyan (38%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0416, 15.9155, 7.0694 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 19.0416, 15.9155, 7.0694 by changing the saturation by 10% instead.


 19.0416, 15.9155,
7.0694


 19.0416, 15.9155,
7.0694


239.6120,
228.8426, 177.8919


 11.8045, 9.4644,
3.4264


 41.3207, 36.4514,
20.6279


 6.6820, 5.0453,
1.3163


 57.0935, 51.3051,
31.3806

 3.3086, 2.2739,
0.0751

 76.4421, 69.7283,
45.3402

 1.3190, 0.7598,
0.0000

 99.7321, 92.1055,
62.9253

 0.1973, 0.0000,
0.0000

 127.3287,
118.8212, 84.5545

 0.0000, 0.0000,
0.0000

 159.5974,

150.2597, 110.6463

196.9033,
186.8053, 141.6193

■ 19.0416, 15.9155,
7.0694

■ 19.0416, 15.9155,
7.0694

■ 17.7609, 13.9835,
4.7021

■ 20.5753, 18.1512,
10.1450

■ 16.7163, 12.3388,
2.9839

■ 22.3750, 20.7013,
13.9798

■ 15.8905, 10.9665,
1.8473

■ 24.4541, 23.5788,
18.6210

■ 15.2530, 9.8456,
1.1597

■ 26.8247, 26.7954,
24.1116

■ 15.1735, 9.7060,
1.0737

■ 29.4982, 30.3619,
30.4916

■ 32.4852, 34.2888,
37.7985

■ 35.7960, 38.5860,
46.0674

■ 39.4402, 43.2633,
55.3319

■ 43.4271, 48.3298,
65.6238

Harmonies

Analogous

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



21.2935, 15.9155, 11.6462



19.0416, 15.9155, 7.0694



15.9296, 15.9155, 5.3676

Triad

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



19.0416, 15.9155, 7.0694



9.9834, 15.9155, 15.1673



17.4931, 15.9155, 38.2301

Complementary

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



19.0416, 15.9155, 7.0694



15.7261, 18.4787, 34.6359

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.



14.3522, 15.9155, 40.1653



19.0416, 15.9155, 7.0694



10.2836, 15.9155, 24.6130

Square

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



19.0416, 15.9155, 7.0694



10.9055, 15.9155, 8.8951



11.7898, 15.9155, 34.5288



20.3182, 15.9155, 29.8944

Rectangle

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



19.0416, 15.9155, 7.0694



13.8955, 15.9155, 5.4789



11.7898, 15.9155, 34.5288



16.4296, 15.9155, 39.7439

Sweetspot

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



19.0420, 15.9163, 7.0697



48.1545, 48.1410, 43.4492



19.5823, 12.4637, 21.2252



10.3294, 10.2337, 8.9353



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.0420, 15.9163, 7.0697



31.2528, 24.1830, 7.4638



24.4821, 26.7966, 8.8831



6.8066, 6.9933, 6.9768



12.3551, 7.9459, 0.8825



0.2579, 0.2160, 0.0281

Inverse Universe

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



15.7261, 18.4787, 34.6359



24.7035, 29.0934, 61.4403



11.1590, 9.3445, 33.1136



6.6334, 7.1326, 8.4338



9.0059, 10.1033, 27.3827



0.1985, 0.2556, 0.5021

Previews

White Background



This preview shows how the XYZ color 19.0416, 15.9155, 7.0694 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 19.0416, 15.9155, 7.0694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

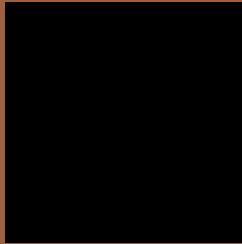
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.0416, 15.9155, 7.0694

Background



This preview shows how black text looks on a background with the XYZ color 19.0416, 15.9155, 7.0694.



This preview shows how white text looks on a background with the XYZ color 19.0416, 15.9155,

7.0694.

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

19.0416, 15.9155, 7.0694

Protanopia

14.8167, 16.1082, 8.2895

Deuteranopia

16.2046, 15.9012, 6.9178



Tritanopia

20.3774, 15.9261, 13.8044

Trichromacy



Original Color

19.0416, 15.9155, 7.0694

Protanomaly

16.0597, 15.8061, 7.8347

Deuteranomaly

17.1784, 15.8022, 6.9952

Tritanomaly

19.7352, 15.7859, 11.0237

Monochromacy



Original Color

19.0416, 15.9155, 7.0694

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.0765, 15.7054, 12.7738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0416, 15.9155, 7.0694 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(157, 96, 65)` looks like.

```
.text, #text, p{  
    color:rgb(157, 96, 65)  
}
```

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(157, 96, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 96, 65) }
```

Border

The CSS property to change the border of an element to XYZ 19.0416, 15.9155, 7.0694 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(157, 96, 65) }
```


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

```
.border{ border-color:rgb(157, 96, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 96, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 96, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 96, 65);  
box-shadow:4px 4px 4px 4px rgb(157, 96,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0416, 15.9155, 7.0694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 96, 65) }
```

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

```
.background{ background-color: rgb(157, 96,  
65) }
```

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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