

Converting Colors

XYZ(19.7567, 15.7294, 2.4102)

Have a look what the booklet for
XYZ(19.7567, 15.7294, 2.4102)
contains.

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Color

**XYZ(19.7567, 15.7294,
2.4102)**

Conversions

Conversions Part 1

Format	Color
Hex	A75B0E
RGB	167, 91, 14
RGB Percent	65%, 36%, 5%
CMY	0.3451, 0.6431, 0.9451
CMYK	0.00, 0.46, 0.92, 0.35
HSL	30°, 85%, 35%
HSV	30°, 92%, 65%
XYZ	19.7567, 15.7294, 2.4102
YIQ	104.9460, 70.0130, -7.8350

Conversions

Conversions Part 2

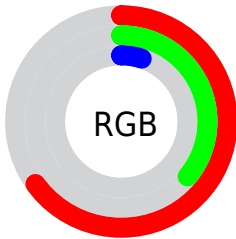
Format	Color
RYB	165, 167, 14
Decimal	10967822
CIELab	46.62, 26.28, 51.81
CIELCh	47, 58.091, 63.101
Yxy	15.7294, 0.5213, 0.4151
Android (android.graphics.Color)	4289157902 (0xFFA75B0E)
YUV	104.9460, -44.8364, 54.4214
Hunter-Lab	39.6603, 19.5139, 24.1591

Details

The XYZ color **19.7567, 15.7294, 2.4102** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.8120, 10.1951, 37.9569**, and the grayscale version is **13.5175, 14.2215, 15.4872**.

A 20% lighter version of the original color is **42.3949, 36.0943, 10.2013**, and **7.2074, 5.0526, 0.5954** is the 20% darker color. If you saturate the color by 10%, you get **19.1105, 14.5639, 1.8039**, and if you desaturate by 10%, it is **20.6700, 17.2935, 3.5244**.

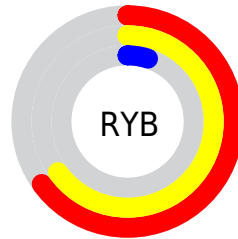
Distribution



Red (65%)

Green (36%)

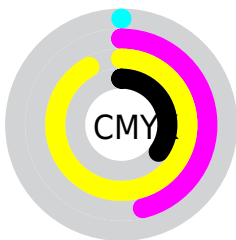
Blue (5%)



Red (65%)

Yellow (65%)

Blue (5%)

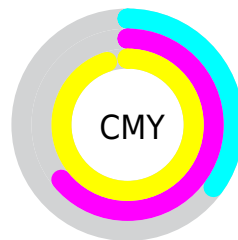


Cyan (0%)

Magenta (46%)

Yellow (92%)

Black (35%)



Cyan (35%)

Magenta (64%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7567, 15.7294, 2.4102 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 19.7567, 15.7294, 2.4102 by changing the saturation by 10% instead.

■ 19.7567, 15.7294,
2.4102

■ 19.7567, 15.7294,
2.4102

243.4537,
227.7396, 128.4524

■ 12.3255, 9.3329,
0.7920

■ 42.5160, 36.1278,
10.1346

■ 7.0396, 4.9589,
0.0000

■ 58.5748, 50.8984,
17.0880

■ 3.5334, 2.2232,
0.0000

■ 78.2402, 69.2293,
26.6602

■ 1.4417, 0.7326,
0.0000

■ 101.8776, 91.5046,
39.2698

■ 0.2857, 0.0000,
0.0000

■ 129.8522,
118.1090, 55.3352

■ 0.0000, 0.0000,
0.0000

■ 162.5296,

149.4266, 75.2751

200.2749,
185.8421, 99.5080

19.7567, 15.7294,
2.4102

19.7567, 15.7294,
2.4102

19.1105, 14.5639,
1.8039

20.6700, 17.2935,
3.5244

21.7774, 19.0639,
5.2640

23.0973, 21.0522,
7.7119

24.6449, 23.2683,
10.9380

26.4339, 25.7209,
15.0038

■ 28.4767, 28.4183,
19.9643

■ 30.7848, 31.3684,
25.8700

■ 33.3688, 34.5784,
32.7676

■ 36.2387, 38.0554,
40.7004

Harmonies

Analogous

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



24.5825, 15.7294, 6.0307



19.7567, 15.7294, 2.4102



14.4342, 15.7294, 1.6968

Triad

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



19.7567, 15.7294, 2.4102



7.2344, 15.7294, 18.6660



20.8660, 15.7294, 52.2934

Complementary

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



19.7567, 15.7294, 2.4102



10.8120, 10.1951, 37.9569

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.



15.4786, 15.7294, 62.2203



19.7567, 15.7294, 2.4102



8.2341, 15.7294, 37.0955

Square

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



19.7567, 15.7294, 2.4102



7.8882, 15.7294, 7.4167



10.9945, 15.7294, 55.5044



25.3171, 15.7294, 32.9262

Rectangle

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



19.7567, 15.7294, 2.4102



11.4737, 15.7294, 2.2067



10.9945, 15.7294, 55.5044



19.0666, 15.7294, 57.2177

Sweetspot

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



19.7570, 15.7302, 2.4105



52.6475, 53.0205, 39.9097



17.9601, 9.2763, 10.6289



11.4884, 11.4874, 8.1901



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



19.7570, 15.7302, 2.4105



34.0193, 25.6699, 3.1618



29.8341, 35.8843, 5.7695



7.8314, 8.1428, 7.9482



14.6728, 11.2428, 1.3967



0.4081, 0.3758, 0.0510

Inverse Universe

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



10.8120, 10.1951, 37.9569



17.8187, 15.6503, 67.5569



7.3132, 3.1975, 36.7906



7.4280, 7.8930, 9.5503



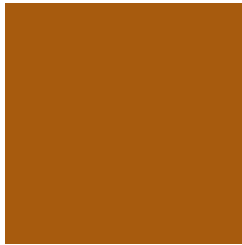
7.7504, 6.9610, 28.9106



0.2398, 0.2719, 0.7205

Previews

White Background



This preview shows how the XYZ color 19.7567, 15.7294, 2.4102 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 19.7567, 15.7294, 2.4102 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 19.7567, 15.7294, 2.4102

Background



This preview shows how black text looks on a background with the XYZ color 19.7567, 15.7294, 2.4102.



This preview shows how white text looks on a background with the XYZ color 19.7567, 15.7294,

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

19.7567, 15.7294, 2.4102

Protanopia

14.2682, 15.7794, 2.9555

Deuteranopia

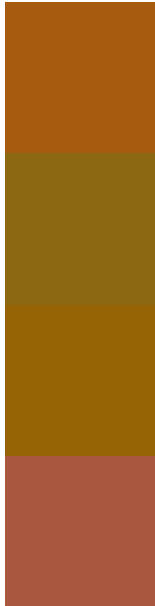
15.8668, 15.6786, 2.1900



Tritanopia

21.7144, 15.7984, 11.8024

Trichromacy



Original Color

19.7567, 15.7294, 2.4102

Protanomaly

15.8747, 15.5198, 2.7312

Deuteranomaly

17.1622, 15.6093, 2.2519

Tritanomaly

20.6676, 15.6103, 6.6264

Monochromacy



Original Color

19.7567, 15.7294, 2.4102

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.6290, 14.1714, 8.0952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7567, 15.7294, 2.4102 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(167, 91, 14)` looks like.

```
.text, #text, p{  
    color:rgb(167, 91, 14)  
}
```

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(167, 91, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 91, 14) }
```

Border

The CSS property to change the border of an element to XYZ 19.7567, 15.7294, 2.4102 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(167, 91, 14) }
```


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

```
.border{ border-color:rgb(167, 91, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 91, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 91, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 91, 14);  
box-shadow:4px 4px 4px 4px rgb(167, 91,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7567, 15.7294, 2.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 91, 14) }
```

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

```
.background{ background-color: rgb(167, 91,  
14) }
```

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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