

Converting Colors

XYZ(15.0965, 9.7516, 1.4362)

Have a look what the booklet for
XYZ(15.0965, 9.7516, 1.4362)
contains.

XYZ(15.0958, 9.7328, 1.4308)	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>	30

Color

**XYZ(15.0958, 9.7328,
1.4308)**

Conversions

Conversions Part 1

Format	Color
Hex	9C360C
RGB	156, 54, 12
RGB Percent	61%, 21%, 5%
CMY	0.3882, 0.7882, 0.9529
CMYK	0.00, 0.65, 0.92, 0.39
HSL	18°, 86%, 33%
HSV	18°, 92%, 61%
XYZ	15.0958, 9.7328, 1.4308
YIQ	79.7100, 74.2740, 8.5620

Conversions

Conversions Part 2

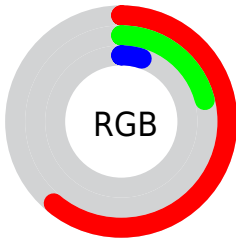
Format	Color
R _Y B	156, 71, 12
Decimal	10237452
CIE Lab	37.36, 40.78, 44.80
CIE LCh	37, 60.583, 47.689
Yxy	9.7328, 0.5749, 0.3706
Android (android.graphics.Color)	4288427532 (0xFF9C360C)
YUV	79.7100, -33.3810, 66.9063
Hunter-Lab	31.1974, 31.7770, 19.1190

Details

The XYZ color **15.0958, 9.7328, 1.4308** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.1689, 14.5117, 33.6118**, and the grayscale version is **7.6218, 8.0187, 8.7324**.

A 20% lighter version of the original color is **34.5092, 25.1918, 7.4585**, and **4.9298, 2.5414, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **14.6680, 8.9835, 0.9609**, and if you desaturate by 10%, it is **15.8085, 10.9368, 2.3516**.

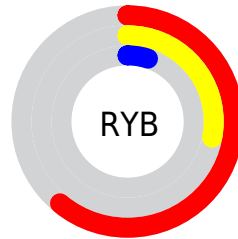
Distribution



Red (61%)

Green (21%)

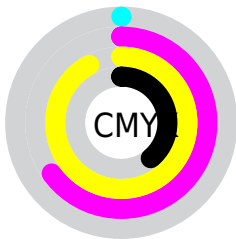
Blue (5%)



Red (61%)

Yellow (28%)

Blue (5%)

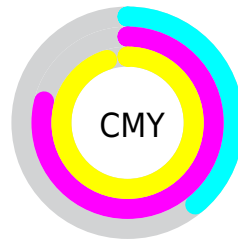


Cyan (0%)

Magenta (65%)

Yellow (92%)

Black (39%)



Cyan (39%)


Magenta (79%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0958, 9.7328, 1.4308 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 15.0958, 9.7328, 1.4308 by changing the saturation by 10% instead.


 15.0958, 9.7328,
1.4308


 15.0958, 9.7328,
1.4308


 217.3222,
188.7542, 112.7968


 8.9734, 5.2222,
0.1656


 34.5914, 25.2917,
7.4164


 4.7808, 2.3782,
0.0000

 48.6954, 37.1087,
13.1741


 2.1527, 0.8146,
0.0000

 66.1905, 52.1301,
21.3331

 0.7176, 0.0000,
0.0000

 87.4423, 70.7400,
32.3120


 0.0000, 0.0000,
0.0000

 112.8160, 93.3230,
46.5292


 142.6770,


120.2635, 64.4034


 177.3906,
151.9457, 86.3531


 15.0958, 9.7328,
1.4308


 15.0958, 9.7328,
1.4308


 14.6680, 8.9835,
0.9609

 15.8085, 10.9368,
2.3516

 16.7416, 12.4272,
3.8212

 17.9152, 14.2230,
5.9118

 19.3465, 16.3413,
8.6842

 21.0514, 18.7975,
12.1918

■ 23.0439, 21.6060,
16.4830

■ 25.3373, 24.7805,
21.6015

■ 27.9440, 28.3339,
27.5883

■ 30.8756, 32.2782,
34.4811

Harmonies

Analogous

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



18.1094, 9.7328, 5.4238



15.0958, 9.7328, 1.4308



10.8986, 9.7328, 0.3650

Triad

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



15.0958, 9.7328, 1.4308



3.7889, 9.7328, 6.7309



11.6545, 9.7328, 45.6749

Complementary

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



15.0958, 9.7328, 1.4308



12.1689, 14.5117, 33.6118

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.



7.7780, 9.7328, 47.0349



15.0958, 9.7328, 1.4308



3.8877, 9.7328, 18.3168

Square

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



15.0958, 9.7328, 1.4308



4.8294, 9.7328, 1.8284



5.1508, 9.7328, 34.8434



15.7782, 9.7328, 31.8611

Rectangle

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



15.0958, 9.7328, 1.4308



8.3067, 9.7328, 0.3057



5.1508, 9.7328, 34.8434



10.2637, 9.7328, 47.8311

Sweetspot

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



15.0960, 9.7334, 1.4310



43.3526, 41.3276, 33.2465



16.9477, 8.5732, 17.0416



9.1868, 8.6029, 6.5370



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.



15.0960, 9.7334, 1.4310



26.4921, 16.0178, 1.6955



21.0848, 21.7110, 3.4272



6.7829, 6.9458, 6.9688



12.1089, 7.4534, 0.8004



0.2504, 0.2010, 0.0256

Inverse Universe

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



12.1689, 14.5117, 33.6118



20.9469, 24.4553, 60.7431



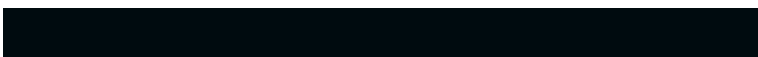
7.0235, 4.2209, 31.8967



6.6583, 7.1823, 8.4421



9.6105, 11.3125, 27.5842



0.2062, 0.2710, 0.5047

Previews

White Background



This preview shows how the XYZ color 15.0958, 9.7328, 1.4308 looks on a white background.

Color Contrast Check

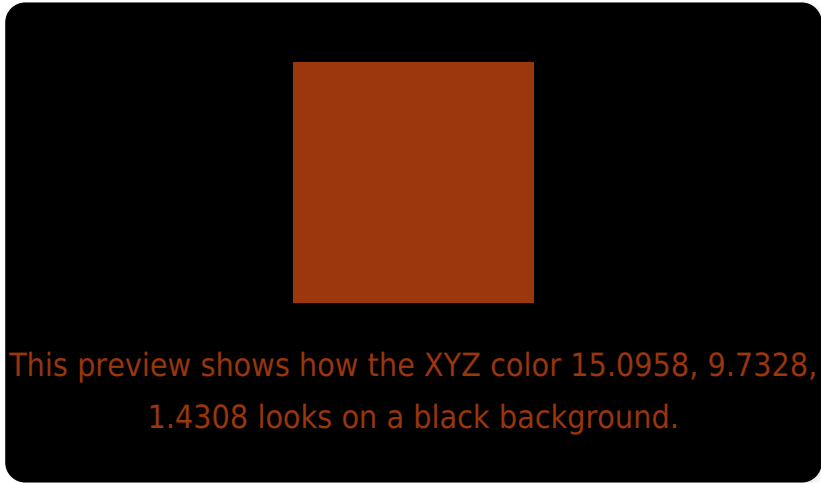
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

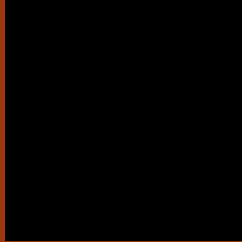
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0958, 9.7328, 1.4308

Background



This preview shows how black text looks on a background with the XYZ color 15.0958, 9.7328, 1.4308.



This preview shows how white text looks on a background with the XYZ color 15.0958, 9.7328,

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

15.0958, 9.7328, 1.4308

Protanopia

8.9633, 9.9082, 2.1495

Tritanopia

15.6878, 9.7063, 4.4148

Trichromacy



Original Color

15.0958, 9.7328, 1.4308

Protanomaly

10.4394, 9.2056, 1.7989

Tritanomaly

15.4383, 9.6757, 2.8876

Monochromacy



Original Color

15.0958, 9.7328, 1.4308

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

9.1272, 7.9705, 4.6718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0958, 9.7328, 1.4308 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(156, 54, 12)` looks like.

```
.text, #text, p{  
    color:rgb(156, 54, 12)  
}
```

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(156, 54, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 54, 12) }
```

Border

The CSS property to change the border of an element to XYZ 15.0958, 9.7328, 1.4308 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(156, 54, 12) }
```

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

```
.border{ border-color:rgb(156, 54, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 54, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 54, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 54, 12);  
box-shadow:4px 4px 4px 4px rgb(156, 54,  
12) }
```


Background

The CSS property to change the background color of an element to XYZ 15.0958, 9.7328, 1.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 54, 12) }
```

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

```
.background{ background-color: rgb(156, 54,  
12) }
```

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