

Converting Colors

XYZ(15.2956, 9.7265, 1.1942)

Have a look what the booklet for
XYZ(15.2956, 9.7265, 1.1942)
contains.

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Color

**XYZ(15.3505, 9.7338,
1.1846)**

Conversions

Conversions Part 1

Format	Color
Hex	9E3404
RGB	158, 52, 4
RGB Percent	62%, 20%, 2%
CMY	0.3804, 0.7961, 0.9843
CMYK	0.00, 0.67, 0.97, 0.38
HSL	19°, 95%, 32%
HSV	19°, 97%, 62%
XYZ	15.3505, 9.7338, 1.1846
YIQ	78.2220, 78.5840, 7.5440

Conversions

Conversions Part 2

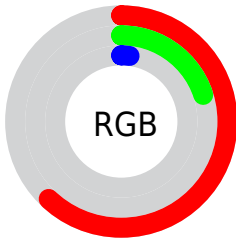
Format	Color
RYB	158, 74, 4
Decimal	10368004
CIELab	37.36, 42.29, 47.68
CIELCh	37, 63.734, 48.432
Yxy	9.7338, 0.5844, 0.3705
Android (android.graphics.Color)	4288558084 (0xFF9E3404)
YUV	78.2220, -36.5914, 69.9653
Hunter-Lab	31.1990, 33.2270, 19.5881

Details

The XYZ color **15.3505, 9.7338, 1.1846** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.7970, 13.6453, 34.3597**, and the grayscale version is **7.3407, 7.7230, 8.4103**.

A 20% lighter version of the original color is **35.1551, 25.3921, 6.6627**, and **5.0370, 2.5967, 0.2357** is the 20% darker color. If you saturate the color by 10%, you get **15.2094, 9.4868, 1.0295**, and if you desaturate by 10%, it is **15.9959, 10.8607, 1.9058**.

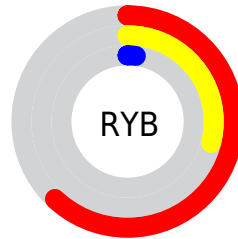
Distribution



Red (62%)

Green (20%)

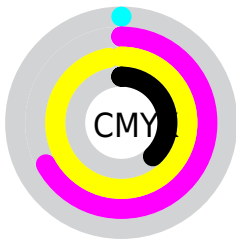
Blue (2%)



Red (62%)

Yellow (29%)

Blue (2%)

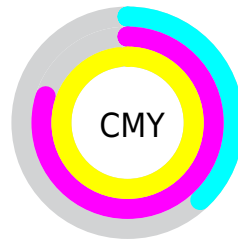


Cyan (0%)

Magenta (67%)

Yellow (97%)

Black (38%)



Cyan (38%)


Magenta (80%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3505, 9.7338, 1.1846 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 15.3505, 9.7338, 1.1846 by changing the saturation by 10% instead.


 15.3505, 9.7338,
1.1846


 15.3505, 9.7338,
1.1846


 218.8246,
188.7615, 108.0507

 9.1537, 5.2228,
0.0000


 35.0335, 25.2936,
6.6595


 4.8995, 2.3786,
0.0000

 49.2504, 37.1112,
12.0570

 2.2225, 0.8148,
0.0000

 66.8714, 52.1331,
19.7859

 0.7546, 0.0000,
0.0000


 88.2618, 70.7438,
30.2647


 0.0000, 0.0000,
0.0000


 113.7869, 93.3275,
43.9121


 143.8122,


120.2688, 61.1465


 178.7030,
151.9520, 82.3866


 15.3505, 9.7338,
1.1846


 15.3505, 9.7338,
1.1846


 15.2094, 9.4868,
1.0295

 15.9959, 10.8607,
1.9058

 16.8454, 12.2590,
3.1157

 17.9264, 13.9506,
4.9265

 19.2576, 15.9525,
7.4061

 20.8552, 18.2802,
10.6131

■ 22.7342, 20.9482,
14.5998

■ 24.9082, 23.9699,
19.4134

■ 27.3900, 27.3581,
25.0976

■ 30.1916, 31.1248,
31.6927

Harmonies

Analogous

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



18.6344, 9.7338, 5.0482



15.3505, 9.7338, 1.1846



10.8813, 9.7338, 0.1381

Triad

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



15.3505, 9.7338, 1.1846



3.5773, 9.7338, 6.7666



11.9027, 9.7338, 48.2373

Complementary

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



15.3505, 9.7338, 1.1846



11.7970, 13.6453, 34.3597

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.



7.7935, 9.7338, 50.1362



15.3505, 9.7338, 1.1846



3.7053, 9.7338, 19.1996

Square

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



15.3505, 9.7338, 1.1846



4.6080, 9.7338, 1.6721



5.0294, 9.7338, 37.0950



16.2813, 9.7338, 32.9602

Rectangle

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



15.3505, 9.7338, 1.1846



8.1691, 9.7338, 0.0957



5.0294, 9.7338, 37.0950



10.4259, 9.7338, 50.7284

Sweetspot

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



15.3507, 9.7344, 1.1848



44.3590, 42.3230, 33.2914



17.0575, 8.5214, 16.0168



9.6374, 9.0376, 6.6985



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.3507, 9.7344, 1.1848



27.4618, 16.9112, 1.8168



21.7377, 22.5084, 3.3137



6.7934, 6.9667, 6.9723



12.2130, 7.6617, 0.8352



0.2537, 0.2076, 0.0267

Inverse Universe

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



11.7970, 13.6453, 34.3597



20.9049, 23.8778, 62.2505



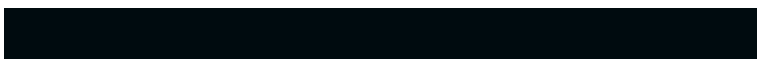
6.8168, 3.6848, 32.6997



6.6473, 7.1603, 8.4384



9.3373, 10.7661, 27.4932



0.2027, 0.2641, 0.5035

Previews

White Background



This preview shows how the XYZ color 15.3505, 9.7338, 1.1846 looks on a white background.

Color Contrast Check

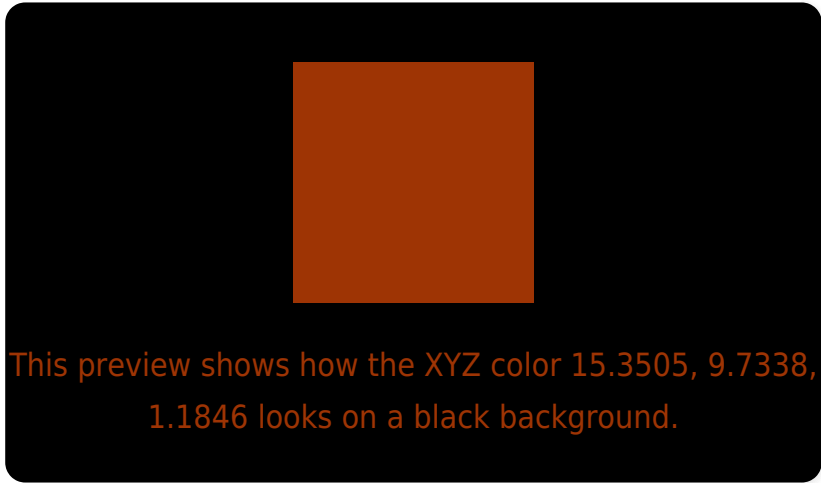
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3505, 9.7338, 1.1846

Background



This preview shows how black text looks on a background with the XYZ color 15.3505, 9.7338, 1.1846.



This preview shows how white text looks on a background with the XYZ color 15.3505, 9.7338,

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

15.3505, 9.7338, 1.1846

Protanopia

8.9291, 9.8946, 1.9695

Deuteranopia

9.9306, 9.9417, 1.3955



Tritanopia

15.9526, 9.7238, 4.1681

Trichromacy



Original Color

15.3505, 9.7338, 1.1846

Protanomaly

10.5360, 9.2604, 1.5800

Deuteranomaly

11.4413, 9.4344, 1.2467

Tritanomaly

15.6851, 9.6830, 2.5557

Monochromacy



Original Color

15.3505, 9.7338, 1.1846

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

8.7891, 7.6211, 4.1397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3505, 9.7338, 1.1846 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(158, 52, 4)` looks like.

```
.text, #text, p{  
    color:rgb(158, 52, 4)  
}
```

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(158, 52, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 52, 4) }
```

Border

The CSS property to change the border of an element to XYZ 15.3505, 9.7338, 1.1846 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(158, 52, 4) }
```


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

```
.border{ border-color:rgb(158, 52, 4) }
```

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

Here you see how a box with a 4 pixel rgb(158, 52, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 52, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 52, 4);  
box-shadow:4px 4px 4px 4px rgb(158, 52, 4)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.3505, 9.7338, 1.1846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 52, 4) }
```

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

```
.background{ background-color: rgb(158, 52,  
4) }
```

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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