

Converting Colors

XYZ(15.4261, 9.8048, 2.4108)

Have a look what the booklet for
XYZ(15.4261, 9.8048, 2.4108)
contains.

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Color

**XYZ(15.4384, 9.8186,
2.4480)**

Conversions

Conversions Part 1

Format	Color
Hex	9D3520
RGB	157, 53, 32
RGB Percent	62%, 21%, 13%
CMY	0.3843, 0.7921, 0.8745
CMYK	0.00, 0.66, 0.80, 0.38
HSL	10°, 66%, 37%
HSV	10°, 80%, 62%
XYZ	15.4384, 9.8186, 2.4480
YIQ	81.7020, 68.7250, 15.5170

Conversions

Conversions Part 2

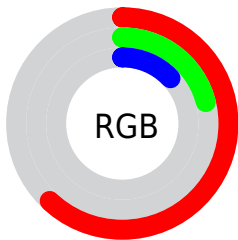
Format	Color
R_{YB}	157, 57, 32
Decimal	10302752
CIE _{Lab}	37.51, 42.14, 35.82
CIE _{LCh}	38, 55.307, 40.364
Yxy	9.8186, 0.5572, 0.3544
Android (android.graphics.Color)	4288492832 (0xFF9D3520)
YUV	81.7020, -24.5031, 66.0363
Hunter-Lab	31.3346, 33.1103, 17.3023

Details

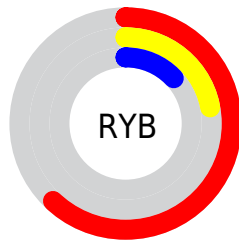
The XYZ color **15.4384, 9.8186, 2.4480** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15.4846, 20.3477, 35.0093**, and the grayscale version is **7.9988, 8.4153, 9.1643**.

A 20% lighter version of the original color is **35.3402, 25.5586, 10.2784**, and **5.0370, 2.5967, 0.2357** is the 20% darker color. If you saturate the color by 10%, you get **14.7572, 8.7203, 1.4075**, and if you desaturate by 10%, it is **16.3840, 11.2834, 4.0784**.

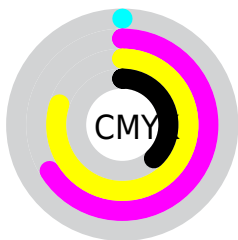
Distribution



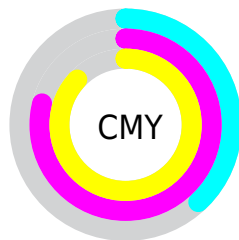
- Red (62%)
- Green (21%)
- Blue (13%)



- Red (62%)
- Yellow (22%)
- Blue (13%)



- Cyan (0%)
- Magenta (66%)
- Yellow (80%)
- Black (38%)





- Cyan (38%)
- Magenta (79%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4384, 9.8186, 2.4480 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 15.4384, 9.8186, 2.4480 by changing the saturation by 10% instead.


 15.4384, 9.8186,
2.4480


 15.4384, 9.8186,
2.4480


219.3408,
189.3724, 128.9857


 9.2160, 5.2788,
0.8124


 35.1858, 25.4537,
10.2329


 4.9405, 2.4118,
0.0000

 49.4415, 37.3179,
17.2272

 2.2468, 0.8319,
0.0000

 67.1057, 52.3924,
26.8473

 0.7672, 0.0000,
0.0000

 88.5436, 71.0615,
39.5119


 0.0000, 0.0000,
0.0000


 114.1208, 93.7097,
55.6395


 144.2024,


120.7213, 75.6487


 179.1540,
152.4807, 99.9579


 15.4384, 9.8186,
2.4480


 15.4384, 9.8186,
2.4480


 14.7572, 8.7203,
1.4075


 16.3840, 11.2834,
4.0784


 14.2970, 7.9479,
0.7978

 17.6183, 13.1422,
6.3697

 14.2824, 7.9239,
0.7767

 19.1632, 15.4216,
9.3830

 21.0384, 18.1454,
13.1726

 23.2618, 21.3359,
17.7874

■ 25.8502, 25.0134,
23.2722

■ 28.8192, 29.1974,
29.6687

■ 32.1833, 33.9061,
37.0160

■ 35.9565, 39.1569,
45.3506

Harmonies

Analogous

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



17.6154, 9.8186, 7.5917



15.4384, 9.8186, 2.4480



11.7747, 9.8186, 0.8802

Triad

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



15.4384, 9.8186, 2.4480



4.3302, 9.8186, 5.4443



10.5928, 9.8186, 42.9447

Complementary

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



15.4384, 9.8186, 2.4480



15.4846, 20.3477, 35.0093

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.



7.2534, 9.8186, 40.9441



15.4384, 9.8186, 2.4480



4.1640, 9.8186, 14.5358

Square

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



15.4384, 9.8186, 2.4480



5.6249, 9.8186, 1.7142



5.0950, 9.8186, 28.6008



14.3898, 9.8186, 33.0480

Rectangle

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



15.4384, 9.8186, 2.4480



9.2897, 9.8186, 0.6554



5.0950, 9.8186, 28.6008



9.3750, 9.8186, 43.7412

Sweetspot

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



15.4386, 9.8192, 2.4482



43.9664, 41.4949, 36.7200



18.8768, 9.9834, 24.2866



9.3443, 8.6608, 7.3822



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.



15.4386, 9.8192, 2.4482



25.7420, 14.4461, 1.6659



20.3340, 19.6099, 4.0799



6.7187, 6.8174, 6.9474



11.6197, 6.4750, 0.6374



0.2298, 0.1599, 0.0188

Inverse Universe

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



15.4846, 20.3477, 35.0093



25.5809, 33.5716, 62.2585



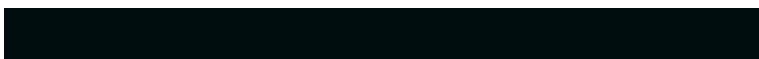
9.1080, 7.5946, 32.8838



6.7269, 7.3196, 8.4650



11.5161, 15.1237, 28.2194



0.2289, 0.3163, 0.5122

Previews

White Background



This preview shows how the XYZ color 15.4384, 9.8186, 2.4480 looks on a white background.

Color Contrast Check

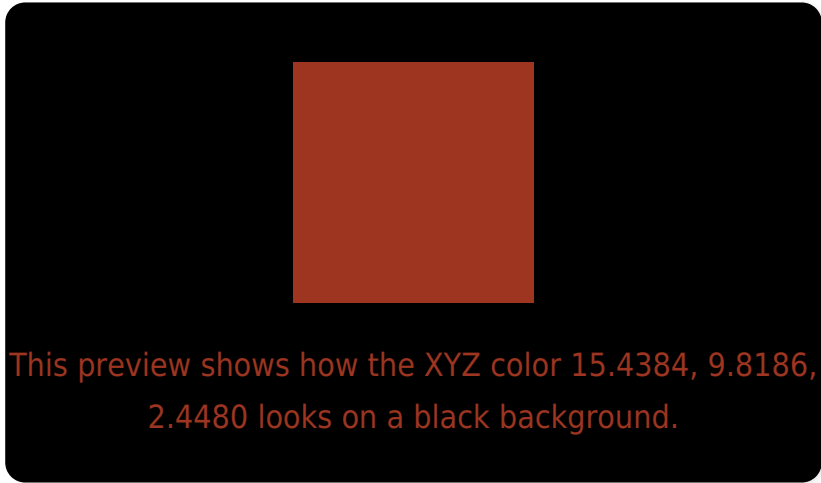
Large Text (above 18pt) WCAG AA ✓ Pass

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

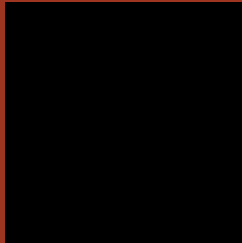
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.4384, 9.8186, 2.4480

Background



This preview shows how black text looks on a background with the XYZ color 15.4384, 9.8186, 2.4480.



This preview shows how white text looks on a background with the XYZ color 15.4384, 9.8186,

2.4480.

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

15.4384, 9.8186, 2.4480

Protanopia

9.1359, 9.9646, 3.6323

Deuteranopia

10.0852, 10.0036, 2.2100



Tritanopia

15.8838, 9.8073, 4.4240

Trichromacy



Original Color

15.4384, 9.8186, 2.4480

Protanomaly

10.6800, 9.3019, 3.0663

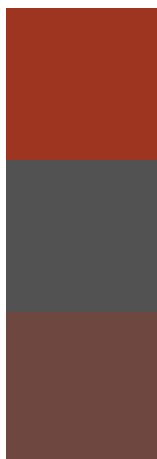
Deuteranomaly

11.4711, 9.4289, 2.1926

Tritanomaly

15.7580, 9.8262, 3.5487

Monochromacy



Original Color

15.4384, 9.8186, 2.4480

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

9.4853, 8.1279, 5.9194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4384, 9.8186, 2.4480 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, 53, 32)` looks like.

```
.text, #text, p{  
    color:rgb(157, 53, 32)  
}
```

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, 53, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 53, 32) }
```

Border

The CSS property to change the border of an element to XYZ 15.4384, 9.8186, 2.4480 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, 53, 32) }
```


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

```
.border{ border-color:rgb(157, 53, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 53, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 53, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 53, 32);  
box-shadow:4px 4px 4px 4px rgb(157, 53,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4384, 9.8186, 2.4480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 53, 32) }
```

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

```
.background{ background-color: rgb(157, 53,  
32) }
```

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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