

Converting Colors

XYZ(15.5740, 9.5372, 4.0238)

Have a look what the booklet for
XYZ(15.5740, 9.5372, 4.0238)
contains.

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Color

**XYZ(15.5373, 9.5123,
4.0348)**

Conversions

Conversions Part 1

Format	Color
Hex	9D3032
RGB	157, 48, 50
RGB Percent	62%, 19%, 20%
CMY	0.3843, 0.8117, 0.8039
CMYK	0.00, 0.69, 0.68, 0.38
HSL	359°, 53%, 40%
HSV	359°, 69%, 62%
XYZ	15.5373, 9.5123, 4.0348
YIQ	80.8190, 64.3220, 23.7300

Conversions

Conversions Part 2

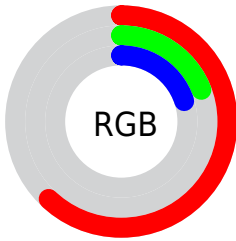
Format	Color
R_{YB}	157, 48, 50
Decimal	10301490
CIE _{Lab}	36.95, 45.15, 24.62
CIE _{LCh}	37, 51.423, 28.605
Yxy	9.5123, 0.5342, 0.3271
Android (android.graphics.Color)	4288491570 (0xFF9D3032)
YUV	80.8190, -15.1938, 66.8107
Hunter-Lab	30.8420, 35.9495, 13.8330

Details

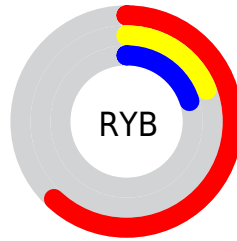
The XYZ color **15.5373, 9.5123, 4.0348** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **19.1931, 27.1091, 35.2340**, and the grayscale version is **7.8060, 8.2125, 8.9435**.

A 20% lighter version of the original color is **35.3803, 24.9036, 14.0085**, and **5.1730, 2.6636, 0.3851** is the 20% darker color. If you saturate the color by 10%, you get **14.7266, 8.3366, 2.3912**, and if you desaturate by 10%, it is **16.6876, 11.1884, 6.3441**.

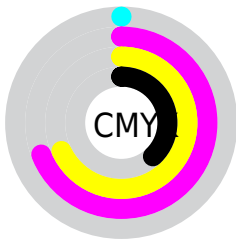
Distribution



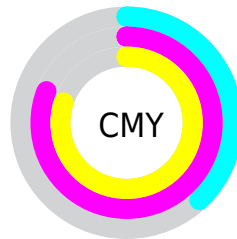
- Red (62%)
- Green (19%)
- Blue (20%)



- Red (62%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (69%)
- Yellow (68%)
- Black (38%)





- Cyan (38%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.5373, 9.5123, 4.0348 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 15.5373, 9.5123, 4.0348 by changing the saturation by 10% instead.


 15.5373, 9.5123,
4.0348


 15.5373, 9.5123,
4.0348


219.9202,
187.1550, 148.6114

 9.2861, 5.0768,
1.6445


 35.3570, 24.8741,
14.0899


 4.9869, 2.2924,
0.3222

 49.6562, 36.5691,
22.5918


 2.2742, 0.7697,
0.0000

 67.3689, 51.4528,
33.9679

 0.7814, 0.0000,
0.0000

 88.8602, 69.9096,
48.6369

 0.0000, 0.0000,
0.0000

 114.4957, 92.3238,
67.0171

 144.6406,

119.0798, 89.5273

179.6603,
150.5621, 116.5859

■ 15.5373, 9.5123,
4.0348

■ 15.5373, 9.5123,
4.0348

■ 14.7266, 8.3366,
2.3912

■ 16.6876, 11.1884,
6.3441

■ 14.2180, 7.6045,
1.3424

■ 18.2087, 13.4104,
9.3793

■ 13.9350, 7.1960,
0.7626

■ 20.1288, 16.2207,
13.1942

■ 13.9203, 7.1743,
0.7336

■ 22.4732, 19.6570,
17.8376

■ 25.2654, 23.7538,
23.3541

■ 28.5268, 28.5431,
29.7854

■ 32.2777, 34.0549,
37.1704

■ 36.5370, 40.3174,
45.5455

■ 41.3227, 47.3572,
54.9456

Harmonies

Analogous

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



16.6294, 9.5123, 10.7894



15.5373, 9.5123, 4.0348



12.6128, 9.5123, 1.4498

Triad

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



15.5373, 9.5123, 4.0348



4.7638, 9.5123, 3.6537



8.8932, 9.5123, 39.5536

Complementary

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



15.5373, 9.5123, 4.0348



19.1931, 27.1091, 35.2340

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.



6.2168, 9.5123, 33.6293



15.5373, 9.5123, 4.0348



4.2048, 9.5123, 9.9369

Square

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



15.5373, 9.5123, 4.0348



6.4197, 9.5123, 1.3379



4.6674, 9.5123, 21.1986



12.2937, 9.5123, 34.5725

Rectangle

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



15.5373, 9.5123, 4.0348



10.3031, 9.5123, 0.9300



4.6674, 9.5123, 21.1986



7.8867, 9.5123, 38.7292

Sweetspot

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



15.5375, 9.5129, 4.0350



44.1913, 40.9897, 39.7388



20.3492, 11.3568, 33.0176



9.4369, 8.5982, 8.1772



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.



15.5375, 9.5129, 4.0350



25.8398, 14.1592, 3.1860



18.8877, 16.2806, 4.9441



6.6377, 6.6480, 6.9434



11.3074, 5.8275, 0.6039



0.2035, 0.1047, 0.0175

Inverse Universe

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



15.5375, 9.5129, 4.0350



25.8398, 14.1592, 3.1860



12.4731, 13.3991, 33.8269



6.6377, 6.6480, 6.9434



11.3074, 5.8275, 0.6039



0.2035, 0.1047, 0.0175

Previews

White Background



This preview shows how the XYZ color 15.5373, 9.5123, 4.0348 looks on a white background.

Color Contrast Check

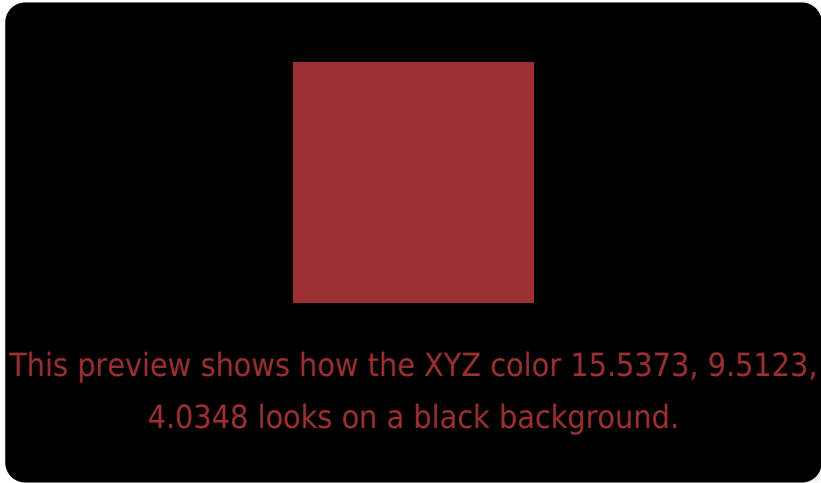
Large Text (above 18pt) WCAG AA ✓ Pass

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

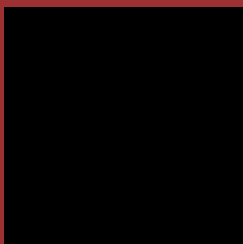
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5373, 9.5123, 4.0348

Background



This preview shows how black text looks on a background with the XYZ color 15.5373, 9.5123, 4.0348.

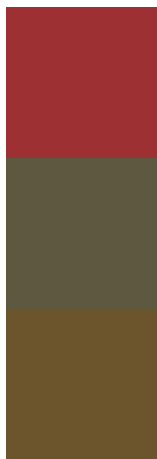


This preview shows how white text looks on a background with the XYZ color 15.5373, 9.5123,

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

15.5373, 9.5123, 4.0348

Protanopia

9.0600, 9.7408, 6.4037

Deuteranopia

9.8093, 9.7106, 3.7402



Tritanopia

15.5373, 9.5123, 4.0348

Trichromacy



Original Color

15.5373, 9.5123, 4.0348

Protanomaly

10.5343, 8.8732, 5.4325

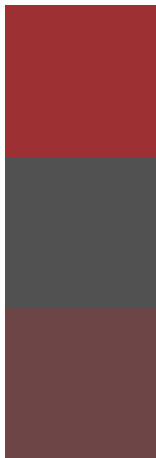
Deuteranomaly

11.3506, 9.1394, 3.7506

Tritanomaly

15.5373, 9.5123, 4.0348

Monochromacy



Original Color

15.5373, 9.5123, 4.0348

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

9.5403, 7.9497, 6.8260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5373, 9.5123, 4.0348 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, 48, 50)` looks like.

```
.text, #text, p{  
    color:rgb(157, 48, 50)  
}
```

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, 48, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 48, 50) }
```

Border

The CSS property to change the border of an element to XYZ 15.5373, 9.5123, 4.0348 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, 48, 50) }
```


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

```
.border{ border-color:rgb(157, 48, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 48, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 48, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 48, 50);  
box-shadow:4px 4px 4px 4px rgb(157, 48,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5373, 9.5123, 4.0348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 48, 50) }
```

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

```
.background{ background-color: rgb(157, 48,  
50) }
```

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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