

Converting Colors

XYZ(15.3297, 9.4507, 4.7576)

Have a look what the booklet for
XYZ(15.3297, 9.4507, 4.7576)
contains.

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Color

**XYZ(15.3297, 9.4507,
4.7576)**

Conversions

Conversions Part 1

Format	Color
Hex	9B3138
RGB	155, 49, 56
RGB Percent	61%, 19%, 22%
CMY	0.3922, 0.8078, 0.7804
CMYK	0.00, 0.68, 0.64, 0.39
HSL	356°, 52%, 40%
HSV	356°, 68%, 61%
XYZ	15.3297, 9.4507, 4.7576
YIQ	81.4920, 60.9290, 24.6490

Conversions

Conversions Part 2

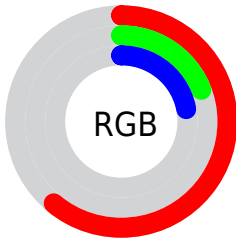
Format	Color
R_{YB}	155, 49, 56
Decimal	10170680
CIE _{Lab}	36.84, 44.42, 20.66
CIE _{LCh}	37, 48.985, 24.941
Yxy	9.4507, 0.5190, 0.3200
Android (android.graphics.Color)	4288360760 (0xFF9B3138)
YUV	81.4920, -12.5676, 64.4665
Hunter-Lab	30.7420, 35.2117, 12.3437

Details

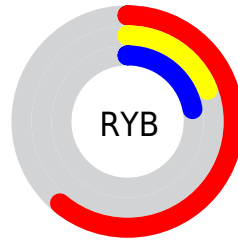
The XYZ color **15.3297, 9.4507, 4.7576** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.3340, 26.2340, 32.1167**, and the grayscale version is **7.9348, 8.3480, 9.0910**.

A 20% lighter version of the original color is **34.9311, 24.7782, 15.7736**, and **5.0090, 2.5731, 0.6481** is the 20% darker color. If you saturate the color by 10%, you get **14.4850, 8.2484, 2.9747**, and if you desaturate by 10%, it is **16.5002, 11.1410, 7.1545**.

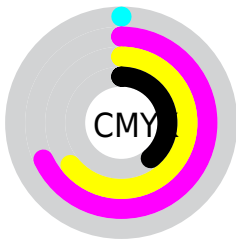
Distribution



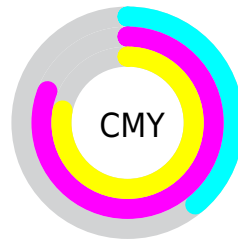
- Red (61%)
- Green (19%)
- Blue (22%)



- Red (61%)
- Yellow (19%)
- Blue (22%)



- Cyan (0%)
- Magenta (68%)
- Yellow (64%)
- Black (39%)





- Cyan (39%)
- Magenta (81%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3297, 9.4507, 4.7576 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 15.3297, 9.4507, 4.7576 by changing the saturation by 10% instead.


 15.3297, 9.4507,
4.7576


 15.3297, 9.4507,
4.7576


218.7022,
186.7054, 156.3068


 9.1389, 5.0363,
2.0495


 34.9975, 24.7571,
15.7224


 4.8897, 2.2686,
0.5855

 49.2052, 36.4178,
24.8162

 2.2168, 0.7570,
0.0000

 66.8159, 51.2628,
36.8757

 0.7516, 0.0000,
0.0000

 88.1950, 69.6765,
52.3194

 0.0000, 0.0000,
0.0000

 113.7078, 92.0432,
71.5657

 143.7197,

118.7473, 95.0334

178.5961,
150.1732, 123.1409

■ 15.3297, 9.4507,
4.7576

■ 15.3297, 9.4507,
4.7576

■ 14.4850, 8.2484,
2.9747

■ 16.5002, 11.1410,
7.1545

■ 13.9323, 7.4807,
1.7493

■ 18.0246, 13.3620,
10.2141

■ 13.6146, 7.0509,
1.0097

■ 19.9284, 16.1536,
13.9806

■ 13.5735, 6.9909,
0.9277

■ 22.2348, 19.5517,
18.4945

■ 24.9651, 23.5888,
23.7930

■ 28.1391, 28.2955,
29.9110

■ 31.7753, 33.7002,
36.8812

■ 35.8912, 39.8297,
44.7345

■ 40.5035, 46.7094,
53.5003

Harmonies

Analogous

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



16.0814, 9.4507, 11.8243



15.3297, 9.4507, 4.7576



12.7402, 9.4507, 1.8057

Triad

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



15.3297, 9.4507, 4.7576



5.0245, 9.4507, 3.3971



8.4812, 9.4507, 37.2625

Complementary

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



15.3297, 9.4507, 4.7576



18.3340, 26.2340, 32.1167

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.



6.0477, 9.4507, 30.7360



15.3297, 9.4507, 4.7576



4.3577, 9.4507, 8.8949

Square

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



15.3297, 9.4507, 4.7576



6.7534, 9.4507, 1.3847



4.6854, 9.4507, 18.9972



11.6551, 9.4507, 33.8727

Rectangle

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



15.3297, 9.4507, 4.7576



10.5742, 9.4507, 1.1434



4.6854, 9.4507, 18.9972



7.5593, 9.4507, 36.0834

Sweetspot

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



15.3299, 9.4512, 4.7578



43.1477, 39.9327, 39.5867



19.2157, 10.8534, 32.0924



9.4802, 8.6155, 8.4054



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.



15.3299, 9.4512, 4.7578



25.3637, 13.9641, 4.0649



18.1586, 15.3634, 4.9148



6.2245, 6.2290, 6.5624



10.9081, 5.6175, 0.7751



0.1669, 0.0855, 0.0319

Inverse Universe

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



15.3299, 9.4512, 4.7578



25.3637, 13.9641, 4.0649



12.6594, 13.9718, 33.0398



6.2245, 6.2290, 6.5624



10.9081, 5.6175, 0.7751



0.1669, 0.0855, 0.0319

Previews

White Background



This preview shows how the XYZ color 15.3297, 9.4507, 4.7576 looks on a white background.

Color Contrast Check

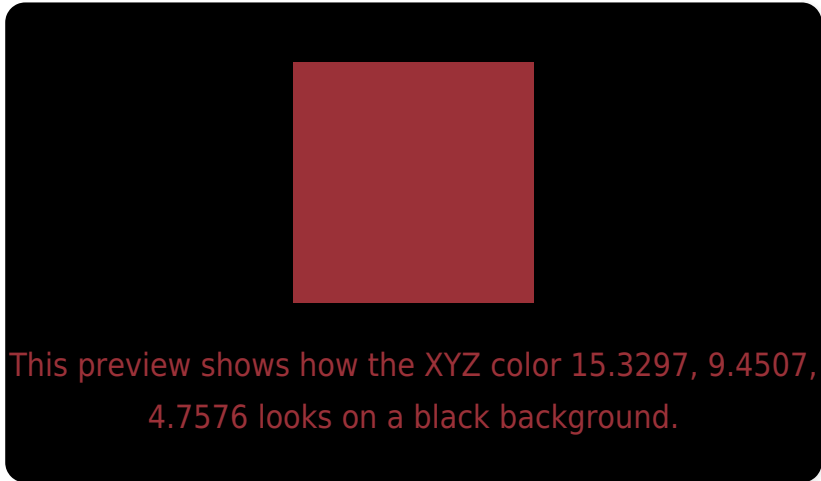
Large Text (above 18pt) WCAG AA ✓ Pass

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

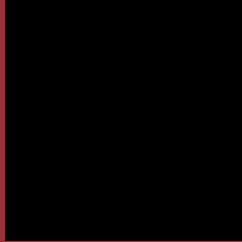
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.3297, 9.4507, 4.7576

Background



This preview shows how black text looks on a background with the XYZ color 15.3297, 9.4507, 4.7576.



This preview shows how white text looks on a background with the XYZ color 15.3297, 9.4507,

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

15.3297, 9.4507, 4.7576

Protanopia

9.0921, 9.6114, 7.5069

Deuteranopia

9.8313, 9.7055, 4.4871



Tritanopia

15.2780, 9.4977, 4.2768

Trichromacy



Original Color

15.3297, 9.4507, 4.7576

Protanomaly

10.5684, 8.8714, 6.3096

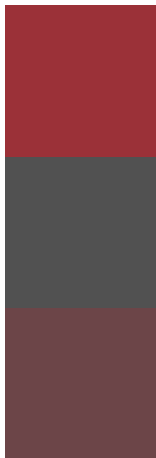
Deuteranomaly

11.2080, 9.0486, 4.5240

Tritanomaly

15.3008, 9.5068, 4.3967

Monochromacy



Original Color

15.3297, 9.4507, 4.7576

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

9.4822, 7.9123, 7.1583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3297, 9.4507, 4.7576 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(155, 49, 56)` looks like.

```
.text, #text, p{  
    color:rgb(155, 49, 56)  
}
```

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(155, 49, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 49, 56) }
```

Border

The CSS property to change the border of an element to XYZ 15.3297, 9.4507, 4.7576 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(155, 49, 56) }
```


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

```
.border{ border-color:rgb(155, 49, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 49, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 49, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 49, 56);  
box-shadow:4px 4px 4px 4px rgb(155, 49,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3297, 9.4507, 4.7576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 49, 56) }
```

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

```
.background{ background-color: rgb(155, 49,  
56) }
```

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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