

Converting Colors

XYZ(15.8013, 9.7384, 5.0533)

Have a look what the booklet for
XYZ(15.8013, 9.7384, 5.0533)
contains.

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Color

**XYZ(15.8090, 9.7548,
5.0526)**

Conversions

Conversions Part 1

Format	Color
Hex	9D323A
RGB	157, 50, 58
RGB Percent	62%, 20%, 23%
CMY	0.3843, 0.8039, 0.7725
CMYK	0.00, 0.68, 0.63, 0.38
HSL	356°, 52%, 41%
HSV	356°, 68%, 62%
XYZ	15.8090, 9.7548, 5.0526
YIQ	82.9050, 61.2040, 25.1720

Conversions

Conversions Part 2

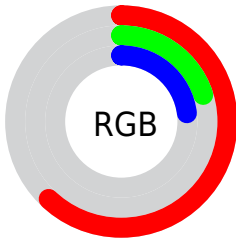
Format	Color
R _Y B	157, 50, 58
Decimal	10302010
CIE Lab	37.40, 44.81, 20.20
CIE LCh	37, 49.149, 24.263
Yxy	9.7548, 0.5164, 0.3186
Android (android.graphics.Color)	4288492090 (0xFF9D323A)
YUV	82.9050, -12.2782, 64.9813
Hunter-Lab	31.2327, 35.6939, 12.2714

Details

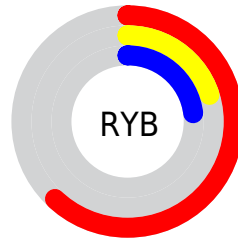
The XYZ color **15.8090, 9.7548, 5.0526** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.7980, 26.9623, 32.6499**, and the grayscale version is **8.2186, 8.6466, 9.4162**.

A 20% lighter version of the original color is **35.7190, 25.3193, 16.3691**, and **5.2391, 2.6901, 0.7333** is the 20% darker color. If you saturate the color by 10%, you get **14.9302, 8.5077, 3.1865**, and if you desaturate by 10%, it is **17.0227, 11.5051, 7.5450**.

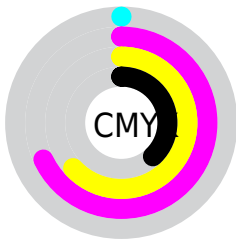
Distribution



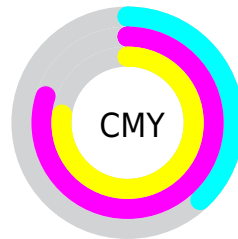
- Red (62%)
- Green (20%)
- Blue (23%)



- Red (62%)
- Yellow (20%)
- Blue (23%)



- Cyan (0%)
- Magenta (68%)
- Yellow (63%)
- Black (38%)





- Cyan (38%)
- Magenta (80%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.8090, 9.7548, 5.0526 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 15.8090, 9.7548, 5.0526 by changing the saturation by 10% instead.


 15.8090, 9.7548,
5.0526


 15.8090, 9.7548,
5.0526


221.5046,
188.9130, 159.2912


 9.4791, 5.2367,
2.2189


 35.8264, 25.3333,
16.3726


 5.1146, 2.3868,
0.6852

 50.2447, 37.1624,
25.6960


 2.3501, 0.8191,
0.0000

 68.0897, 52.1974,
38.0196

 0.8201, 0.0000,
0.0000

 89.7269, 70.8225,
53.7621

 0.0000, 0.0000,
0.0000

 115.5217, 93.4223,
73.3419

 145.8393,

120.3810, 97.1777

181.0452,
152.0831, 125.6879

■ 15.8090, 9.7548,
5.0526

■ 15.8090, 9.7548,
5.0526

■ 14.9302, 8.5077,
3.1865

■ 17.0227, 11.5051,
7.5450

■ 14.3520, 7.7091,
1.8905

■ 18.5999, 13.8026,
10.7123

■ 14.0183, 7.2640,
1.0938

■ 20.5667, 16.6882,
14.5990

■ 13.9693, 7.1940,
0.9915

■ 22.9469, 20.1987,
19.2454

■ 25.7621, 24.3678,
24.6890

■ 29.0326, 29.2266,
30.9649

■ 32.7773, 34.8045,
38.1058

■ 37.0140, 41.1291,
46.1430

■ 41.7598, 48.2266,
55.1059

Harmonies

Analogous

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



16.5259, 9.7548, 12.4140



15.8090, 9.7548, 5.0526



13.1913, 9.7548, 1.9328

Triad

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



15.8090, 9.7548, 5.0526



5.2379, 9.7548, 3.4620



8.6905, 9.7548, 38.1280

Complementary

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



15.8090, 9.7548, 5.0526



18.7980, 26.9623, 32.6499

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.



6.2173, 9.7548, 31.2759



15.8090, 9.7548, 5.0526



4.5286, 9.7548, 9.0101

Square

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



15.8090, 9.7548, 5.0526



7.0388, 9.7548, 1.4366



4.8425, 9.7548, 19.2568



11.9328, 9.7548, 34.9007

Rectangle

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



15.8090, 9.7548, 5.0526



10.9776, 9.7548, 1.2205



4.8425, 9.7548, 19.2568



7.7522, 9.7548, 36.8476

Sweetspot

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



15.8092, 9.7554, 5.0528



44.9403, 41.8651, 41.9081



19.4546, 11.0198, 32.9999



9.5939, 8.7752, 8.6520



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.



15.8092, 9.7554, 5.0528



26.1137, 14.3667, 4.3266



18.5356, 15.5087, 5.0349



6.6522, 6.6538, 7.0195



11.3516, 5.8452, 0.8366



0.2082, 0.1066, 0.0424

Inverse Universe

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



15.8092, 9.7554, 5.0528



26.1137, 14.3667, 4.3266



13.2421, 14.7937, 34.0558



6.6522, 6.6538, 7.0195



11.3516, 5.8452, 0.8366



0.2082, 0.1066, 0.0424

Previews

White Background



This preview shows how the XYZ color 15.8090, 9.7548, 5.0526 looks on a white background.

Color Contrast Check

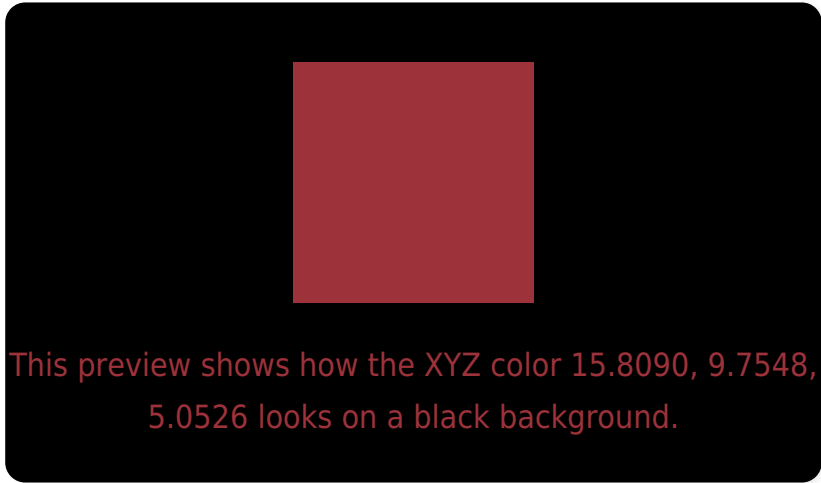
Large Text (above 18pt) WCAG AA ✓ Pass

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

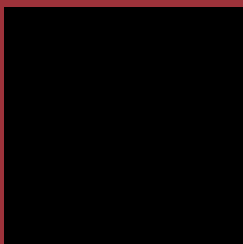
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8090, 9.7548, 5.0526

Background



This preview shows how black text looks on a background with the XYZ color 15.8090, 9.7548, 5.0526.



This preview shows how white text looks on a background with the XYZ color 15.8090, 9.7548,

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

15.8090, 9.7548, 5.0526

Protanopia

9.4245, 10.0189, 7.9157

Deuteranopia

10.0754, 9.9422, 4.7562



Tritanopia

15.7311, 9.7928, 4.4292

Trichromacy



Original Color

15.8090, 9.7548, 5.0526

Protanomaly

10.8956, 9.2314, 6.6764

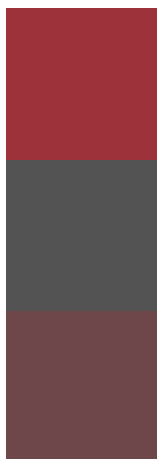
Deuteranomaly

11.6111, 9.3462, 4.8064

Tritanomaly

15.7780, 9.8116, 4.6767

Monochromacy



Original Color

15.8090, 9.7548, 5.0526

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

9.9197, 8.3159, 7.5609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8090, 9.7548, 5.0526 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, 50, 58)` looks like.

```
.text, #text, p{  
    color:rgb(157, 50, 58)  
}
```

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, 50, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 50, 58) }
```

Border

The CSS property to change the border of an element to XYZ 15.8090, 9.7548, 5.0526 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, 50, 58) }
```


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

```
.border{ border-color:rgb(157, 50, 58) }
```

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

Here you see how a box with a 4 pixel rgb(157, 50, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 50, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 50, 58);  
box-shadow:4px 4px 4px 4px rgb(157, 50,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8090, 9.7548, 5.0526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 50, 58) }
```

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

```
.background{ background-color: rgb(157, 50,  
58) }
```

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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