

Converting Colors

XYZ(15.1728, 9.9643, 5.8262)

Have a look what the booklet for
XYZ(15.1728, 9.9643, 5.8262)
contains.

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Color

**XYZ(15.1728, 9.9643,
5.8262)**

Conversions

Conversions Part 1

Format	Color
Hex	973A3F
RGB	151, 58, 63
RGB Percent	59%, 23%, 25%
CMY	0.4078, 0.7725, 0.7529
CMYK	0.00, 0.62, 0.58, 0.41
HSL	357°, 44%, 41%
HSV	357°, 62%, 59%
XYZ	15.1728, 9.9643, 5.8262
YIQ	86.3770, 53.8230, 21.2710

Conversions

Conversions Part 2

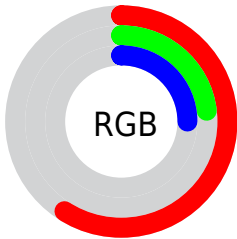
Format	Color
R_{YB}	151, 58, 63
Decimal	9910847
CIE _{Lab}	37.78, 39.43, 17.36
CIE _{LCh}	38, 43.083, 23.756
Yxy	9.9643, 0.4900, 0.3218
Android (android.graphics.Color)	4288100927 (0xFF973A3F)
YUV	86.3770, -11.5249, 56.6744
Hunter-Lab	31.5663, 30.5577, 11.1532

Details

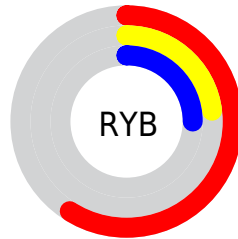
The XYZ color **15.1728, 9.9643, 5.8262** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.0006, 25.1084, 31.0939**, and the grayscale version is **8.9417, 9.4074, 10.2447**.

A 20% lighter version of the original color is **34.6324, 25.6403, 18.1627**, and **4.8547, 2.4870, 0.9336** is the 20% darker color. If you saturate the color by 10%, you get **14.1712, 8.5195, 3.7714**, and if you desaturate by 10%, it is **16.5018, 11.8982, 8.5017**.

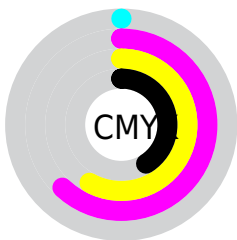
Distribution



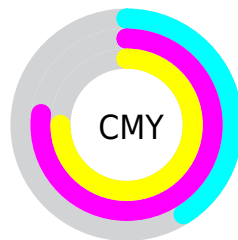
- Red (59%)
- Green (23%)
- Blue (25%)



- Red (59%)
- Yellow (23%)
- Blue (25%)



- Cyan (0%)
- Magenta (62%)
- Yellow (58%)
- Black (41%)




- Cyan (41%)
- Magenta (77%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1728, 9.9643, 5.8262 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 15.1728, 9.9643, 5.8262 by changing the saturation by 10% instead.


 15.1728, 9.9643,
5.8262


 15.1728, 9.9643,
5.8262


217.7775,
190.4171, 166.7617


 9.0279, 5.3753,
2.6726


 34.7252, 25.7283,
18.0405


 4.8166, 2.4691,
0.9296

 48.8634, 37.6721,
27.9382


 2.1737, 0.8611,
0.0000

 66.3967, 52.8364,
40.9211

 0.7288, 0.0000,
0.0000

 87.6905, 71.6053,
57.4077

 0.0000, 0.0000,
0.0000

 113.1101, 94.3635,
77.8166

 143.0209,

121.4953, 102.5661

177.7882,
153.3850, 132.0750

■ 15.1728, 9.9643,
5.8262

■ 15.1728, 9.9643,
5.8262

■ 14.1712, 8.5195,
3.7714

■ 16.5018, 11.8982,
8.5017

■ 13.4680, 7.5186,
2.2869

■ 18.1825, 14.3579,
11.8418

■ 13.0302, 6.9107,
1.3152

■ 20.2378, 17.3785,
15.8872

■ 12.8069, 6.5971,
0.8313

■ 22.6884, 20.9917,
20.6750

■ 25.5536, 25.2268,
26.2398

■ 28.8512, 30.1110,
32.6139

■ 32.5982, 35.6701,
39.8280

■ 36.8106, 41.9283,
47.9110

■ 41.5035, 48.9089,
56.8905

Harmonies

Analogous

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



15.7497, 9.9643, 12.5787



15.1728, 9.9643, 5.8262



12.9484, 9.9643, 2.6521

Triad

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



15.1728, 9.9643, 5.8262



5.8183, 9.9643, 4.1395



8.9080, 9.9643, 33.8963

Complementary

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



15.1728, 9.9643, 5.8262



18.0006, 25.1084, 31.0939

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.



6.6792, 9.9643, 28.1885



15.1728, 9.9643, 5.8262



5.1315, 9.9643, 9.2864

Square

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



15.1728, 9.9643, 5.8262



7.4988, 9.9643, 2.0596



5.4131, 9.9643, 18.1535



11.7613, 9.9643, 31.4126

Rectangle

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



15.1728, 9.9643, 5.8262



11.0260, 9.9643, 1.8438



5.4131, 9.9643, 18.1535



8.0691, 9.9643, 32.8096

Sweetspot

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



15.1730, 9.9648, 5.8264



42.2046, 39.9159, 40.0860



18.7412, 11.2626, 30.4643



9.2910, 8.6269, 8.5243



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



15.1730, 9.9648, 5.8264



24.8278, 14.4691, 5.6023



17.9225, 15.6770, 6.0851



6.2216, 6.2278, 6.5470



10.8987, 5.6137, 0.7254



0.1661, 0.0852, 0.0274

Inverse Universe

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



15.1730, 9.9648, 5.8264



24.8278, 14.4691, 5.6023



12.9832, 14.4381, 31.3807



6.2216, 6.2278, 6.5470



10.8987, 5.6137, 0.7254



0.1661, 0.0852, 0.0274

Previews

White Background



This preview shows how the XYZ color 15.1728, 9.9643, 5.8262 looks on a white background.

Color Contrast Check

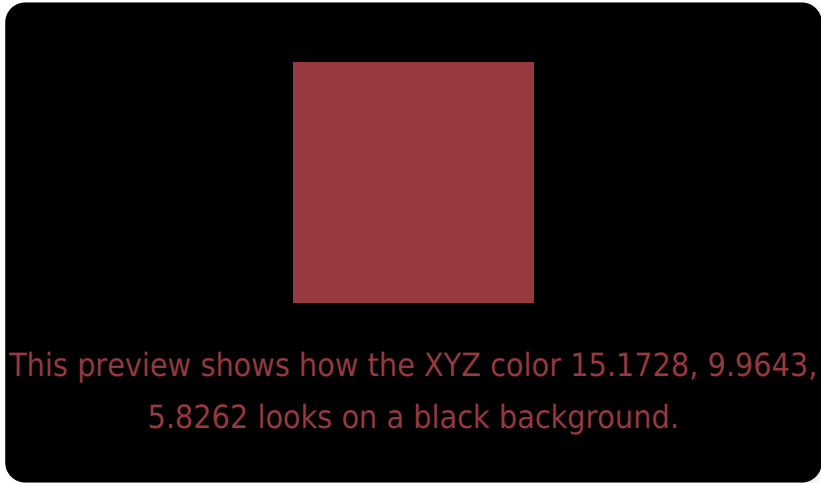
Large Text (above 18pt) WCAG AA ✓ Pass

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

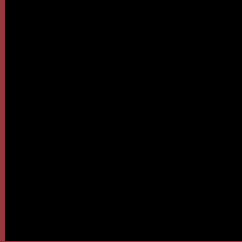
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1728, 9.9643, 5.8262

Background



This preview shows how black text looks on a background with the XYZ color 15.1728, 9.9643, 5.8262.



This preview shows how white text looks on a background with the XYZ color 15.1728, 9.9643,

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

15.1728, 9.9643, 5.8262

Protanopia

9.6118, 10.2278, 8.4888

Deuteranopia

10.2759, 10.1492, 5.4204



Tritanopia

15.1451, 9.9532, 5.6804

Trichromacy



Original Color

15.1728, 9.9643, 5.8262

Protanomaly

10.9643, 9.5615, 7.3986

Deuteranomaly

11.7122, 9.7802, 5.5454

Tritanomaly

15.1451, 9.9532, 5.6804

Monochromacy



Original Color

15.1728, 9.9643, 5.8262

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.3900, 9.0339, 8.4038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1728, 9.9643, 5.8262 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(151, 58, 63)` looks like.

```
.text, #text, p{  
    color:rgb(151, 58, 63)  
}
```

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(151, 58, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 58, 63) }
```

Border

The CSS property to change the border of an element to XYZ 15.1728, 9.9643, 5.8262 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(151, 58, 63) }
```


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

```
.border{ border-color:rgb(151, 58, 63) }
```

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

Here you see how a box with a 4 pixel rgb(151, 58, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 58, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 58, 63);  
box-shadow:4px 4px 4px 4px rgb(151, 58,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1728, 9.9643, 5.8262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 58, 63) }
```

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

```
.background{ background-color: rgb(151, 58,  
63) }
```

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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