

Converting Colors

XYZ(16.0021, 11.2510, 8.6726)

Have a look what the booklet for
XYZ(16.0021, 11.2510, 8.6726)
contains.

XYZ(15.9338, 11.2103, 8.7211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.9338, 11.2103,
8.7211)**

Conversions

Conversions Part 1

Format	Color
Hex	95454F
RGB	149, 69, 79
RGB Percent	58%, 27%, 31%
CMY	0.4157, 0.7294, 0.6902
CMYK	0.00, 0.54, 0.47, 0.42
HSL	353°, 37%, 43%
HSV	353°, 54%, 58%
XYZ	15.9338, 11.2103, 8.7211
YIQ	94.0600, 44.4700, 20.0700

Conversions

Conversions Part 2

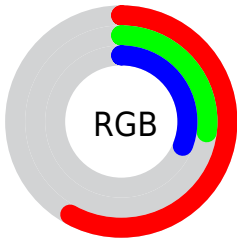
Format	Color
R_{YB}	149, 69, 79
Decimal	9782607
CIE _{Lab}	39.93, 34.61, 10.22
CIE _{LCh}	40, 36.086, 16.457
Yxy	11.2103, 0.4443, 0.3126
Android (android.graphics.Color)	4287972687 (0xFF95454F)
YUV	94.0600, -7.4246, 48.1824
Hunter-Lab	33.4818, 26.3541, 7.9938

Details

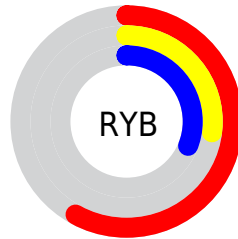
The XYZ color **15.9338, 11.2103, 8.7211** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.8625, 24.6244, 28.2392**, and the grayscale version is **10.6635, 11.2188, 12.2173**.

A 20% lighter version of the original color is **36.0664, 28.1133, 23.9476**, and **5.1523, 2.9668, 1.8912** is the 20% darker color. If you saturate the color by 10%, you get **14.7007, 9.4305, 6.1939**, and if you desaturate by 10%, it is **17.4908, 13.4888, 11.8158**.

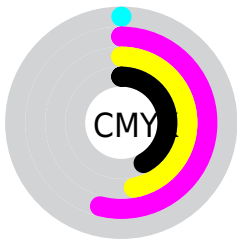
Distribution



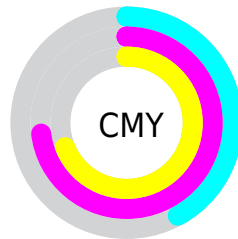
- Red (58%)
- Green (27%)
- Blue (31%)



- Red (58%)
- Yellow (27%)
- Blue (31%)



- Cyan (0%)
- Magenta (54%)
- Yellow (47%)
- Black (42%)





- Cyan (42%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9338, 11.2103, 8.7211 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 15.9338, 11.2103, 8.7211 by changing the saturation by 10% instead.


 15.9338, 11.2103,
8.7211

 15.9338, 11.2103,
8.7211


222.2288,
199.1047, 191.4243

 9.5679, 6.2085,
4.4654


 36.0416, 28.0484,
23.9295


 5.1735, 2.9723,
1.8840

 50.5142, 40.6534,
35.7193


 2.3852, 1.1173,
0.4825

 68.4197, 56.5617,
50.8575

 0.8377, 0.0000,
0.0000

 90.1236, 76.1575,
69.7628

 0.0000, 0.0000,
0.0000

 115.9910, 99.8254,
92.8535

146.3875,

127.9496, 120.5483

181.6783,
160.9146, 153.2657

■ 15.9338, 11.2103,
8.7211

■ 15.9338, 11.2103,
8.7211

■ 14.7007, 9.4305,
6.1939

■ 17.4908, 13.4888,
11.8158

■ 13.7675, 8.1104,
4.1988

■ 19.3915, 16.2978,
15.5090

■ 13.1084, 7.2079,
2.6977

■ 21.6553, 19.6684,
19.8304

■ 12.6925, 6.6721,
1.6466

■ 24.2998, 23.6289,
24.8073

■ 12.5087, 6.4353,
1.1820

■ 27.3414, 28.2058,
30.4655

■ 30.7958, 33.4237,
36.8294

■ 34.6775, 39.3061,
43.9222

■ 39.0004, 45.8751,
51.7661

■ 43.7780, 53.1520,
60.3821

Harmonies

Analogous

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



16.0163, 11.2103, 15.7042



15.9338, 11.2103, 8.7211



14.3027, 11.2103, 4.7241

Triad

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



15.9338, 11.2103, 8.7211



7.5496, 11.2103, 4.9908



9.5735, 11.2103, 30.9619

Complementary

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



15.9338, 11.2103, 8.7211



17.8625, 24.6244, 28.2392

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.



7.6872, 11.2103, 25.0764



15.9338, 11.2103, 8.7211



6.6476, 11.2103, 9.2704

Square

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



15.9338, 11.2103, 8.7211



9.3562, 11.2103, 3.2167



6.6937, 11.2103, 16.5142



12.0688, 11.2103, 30.6275

Rectangle

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



15.9338, 11.2103, 8.7211



12.6827, 11.2103, 3.4607



6.6937, 11.2103, 16.5142



8.8559, 11.2103, 29.5705

Sweetspot

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



15.9341, 11.2109, 8.7213



42.2014, 40.3412, 41.9602



18.0897, 11.8585, 29.7691



9.1557, 8.6454, 8.9294



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.9341, 11.2109, 8.7213



26.0228, 16.4543, 10.4543



17.8679, 15.6177, 7.7038



5.8285, 5.8265, 6.2033



10.5345, 5.4188, 1.0295



0.1347, 0.0686, 0.0427

Inverse Universe

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



15.9341, 11.2109, 8.7213



26.0228, 16.4543, 10.4543



14.5560, 16.7886, 30.9070



5.8285, 5.8265, 6.2033



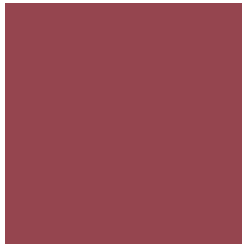
10.5345, 5.4188, 1.0295



0.1347, 0.0686, 0.0427

Previews

White Background



This preview shows how the XYZ color 15.9338, 11.2103, 8.7211 looks on a white background.

Color Contrast Check

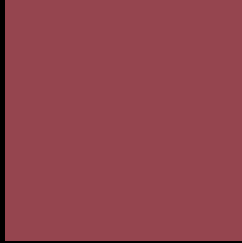
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 15.9338, 11.2103, 8.7211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9338, 11.2103, 8.7211

Background



This preview shows how black text looks on a background with the XYZ color 15.9338, 11.2103, 8.7211.



This preview shows how white text looks on a background with the XYZ color 15.9338, 11.2103,

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

15.9338, 11.2103, 8.7211

Protanopia

10.8642, 11.3195, 11.7375

Deuteranopia

11.4415, 11.3052, 8.2357



Tritanopia

15.8546, 11.2779, 7.9978

Trichromacy



Original Color

15.9338, 11.2103, 8.7211

Protanomaly

12.1713, 10.8981, 10.4789

Deuteranomaly

12.7099, 10.9934, 8.2895

Tritanomaly

15.8891, 11.2917, 8.1795

Monochromacy



Original Color

15.9338, 11.2103, 8.7211

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.9911, 10.7957, 10.9030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9338, 11.2103, 8.7211 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(149, 69, 79)` looks like.

```
.text, #text, p{  
    color:rgb(149, 69, 79)  
}
```

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(149, 69, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 69, 79) }
```

Border

The CSS property to change the border of an element to XYZ 15.9338, 11.2103, 8.7211 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(149, 69, 79) }
```


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

```
.border{ border-color:rgb(149, 69, 79) }
```

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

Here you see how a box with a 4 pixel rgb(149, 69, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 69, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 69, 79);  
box-shadow:4px 4px 4px 4px rgb(149, 69,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9338, 11.2103, 8.7211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 69, 79) }
```

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

```
.background{ background-color: rgb(149, 69,  
79) }
```

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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