

Converting Colors

XYZ(15.6687, 10.8712, 8.9269)

Have a look what the booklet for
XYZ(15.6687, 10.8712, 8.9269)
contains.

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Color

**XYZ(15.6679, 10.8894,
8.8655)**

Conversions

Conversions Part 1

Format	Color
Hex	944350
RGB	148, 67, 80
RGB Percent	58%, 26%, 31%
CMY	0.4196, 0.7372, 0.6863
CMYK	0.00, 0.55, 0.46, 0.42
HSL	350°, 38%, 42%
HSV	350°, 55%, 58%
XYZ	15.6679, 10.8894, 8.8655
YIQ	92.7010, 44.1030, 21.2150

Conversions

Conversions Part 2

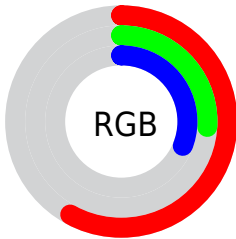
Format	Color
R_{YB}	148, 67, 80
Decimal	9716560
CIE _{Lab}	39.39, 35.39, 8.82
CIE _{LCh}	39, 36.471, 13.997
Yxy	10.8894, 0.4423, 0.3074
Android (android.graphics.Color)	4287906640 (0xFF944350)
YUV	92.7010, -6.2616, 48.4972
Hunter-Lab	32.9991, 27.0030, 7.1706

Details

The XYZ color **15.6679, 10.8894, 8.8655** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.2785, 24.1227, 26.6687**, and the grayscale version is **10.3421, 10.8807, 11.8491**.

A 20% lighter version of the original color is **35.6177, 27.5210, 24.2037**, and **5.0179, 2.8251, 1.9499** is the 20% darker color. If you saturate the color by 10%, you get **14.4804, 9.1824, 6.4103**, and if you desaturate by 10%, it is **17.1658, 13.0813, 11.8433**.

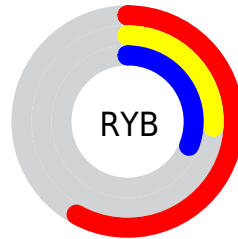
Distribution



Red (58%)

Green (26%)

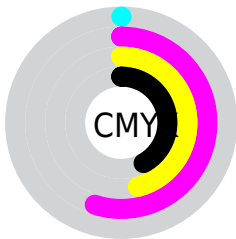
Blue (31%)



Red (58%)

Yellow (26%)

Blue (31%)

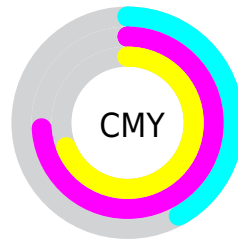


Cyan (0%)

Magenta (55%)

Yellow (46%)

Black (42%)



Cyan (42%)


Magenta (74%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.6679, 10.8894, 8.8655 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 15.6679, 10.8894, 8.8655 by changing the saturation by 10% instead.


 15.6679, 10.8894,
8.8655


 15.6679, 10.8894,
8.8655


220.6831,
196.9072, 192.5523


 9.3788, 5.9925,
4.5579


 35.5828, 27.4555,
24.2121


 5.0482, 2.8405,
1.9362

 49.9394, 39.8934,
36.0882


 2.3106, 1.0491,
0.5156

 67.7158, 55.6139,
51.3242

 0.8001, 0.0000,
0.0000

 89.2774, 75.0012,
70.3388

 0.0000, 0.0000,
0.0000

 114.9896, 98.4398,
93.5503

145.2177,

126.3141, 121.3774

180.3271,
159.0084, 154.2385

■ 15.6679, 10.8894,
8.8655

■ 15.6679, 10.8894,
8.8655

■ 14.4804, 9.1824,
6.4103

■ 17.1658, 13.0813,
11.8433

■ 13.5802, 7.9216,
4.4466

■ 18.9932, 15.7893,
15.3711

■ 12.9424, 7.0655,
2.9407

■ 21.1686, 19.0442,
19.4752

■ 12.5357, 6.5606,
1.8541

■ 23.7091, 22.8737,
24.1798

■ 12.3750, 6.3608,
1.4259

■ 26.6304, 27.3039,
29.5079

■ 29.9474, 32.3589,
35.4812

■ 33.6741, 38.0618,
42.1203

■ 37.8240, 44.4344,
49.4451

■ 42.4099, 51.4975,
57.4743

Harmonies

Analogous

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



15.6113, 10.8894, 16.0096



15.6679, 10.8894, 8.8655



14.1506, 10.8894, 4.7030

Triad

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



15.6679, 10.8894, 8.8655



7.3928, 10.8894, 4.5237



9.0968, 10.8894, 30.2928

Complementary

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



15.6679, 10.8894, 8.8655



17.2785, 24.1227, 26.6687

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.



7.2993, 10.8894, 24.0158



15.6679, 10.8894, 8.8655



6.4276, 10.8894, 8.4923

Square

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



15.6679, 10.8894, 8.8655



9.2448, 10.8894, 2.9572



6.3964, 10.8894, 15.4548



11.5401, 10.8894, 30.5235

Rectangle

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



15.6679, 10.8894, 8.8655



12.5718, 10.8894, 3.3592



6.3964, 10.8894, 15.4548



8.4068, 10.8894, 28.7343

Sweetspot

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



15.6682, 10.8900, 8.8657



41.0752, 39.2134, 41.2691



17.2643, 11.2626, 29.2810



9.1803, 8.6552, 9.0587



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.



15.6682, 10.8900, 8.8657



25.0913, 15.5526, 10.3319



17.2290, 14.7072, 7.2416



5.8365, 5.8297, 6.2452



10.5774, 5.4360, 1.2556



0.1366, 0.0694, 0.0532

Inverse Universe

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



15.6682, 10.8900, 8.8657



25.0913, 15.5526, 10.3319



14.4979, 17.0067, 30.5355



5.8365, 5.8297, 6.2452



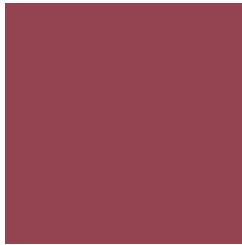
10.5774, 5.4360, 1.2556



0.1366, 0.0694, 0.0532

Previews

White Background



This preview shows how the XYZ color 15.6679, 10.8894, 8.8655 looks on a white background.

Color Contrast Check

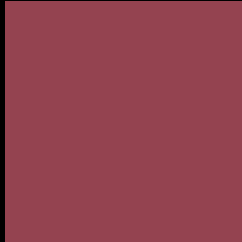
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6679, 10.8894, 8.8655 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 15.6679, 10.8894, 8.8655

Background



This preview shows how black text looks on a background with the XYZ color 15.6679, 10.8894, 8.8655.



This preview shows how white text looks on a background with the XYZ color 15.6679, 10.8894,

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

15.6679, 10.8894, 8.8655

Protanopia

10.6540, 11.0697, 12.1648

Deuteranopia

11.1450, 11.0223, 8.3776



Tritanopia

15.4825, 10.9112, 7.5934

Trichromacy



Original Color

15.6679, 10.8894, 8.8655

Protanomaly

11.9129, 10.6393, 10.8769

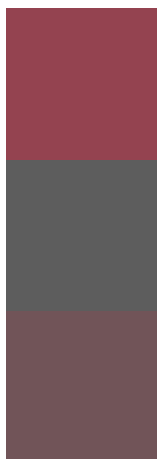
Deuteranomaly

12.5252, 10.7814, 8.4420

Tritanomaly

15.5844, 10.9519, 8.1300

Monochromacy



Original Color

15.6679, 10.8894, 8.8655

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.7418, 10.5559, 10.6512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6679, 10.8894, 8.8655 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(148, 67, 80)` looks like.

```
.text, #text, p{  
    color:rgb(148, 67, 80)  
}
```

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(148, 67, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 67, 80) }
```

Border

The CSS property to change the border of an element to XYZ 15.6679, 10.8894, 8.8655 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(148, 67, 80) }
```


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

```
.border{ border-color:rgb(148, 67, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 67, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 67, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 67, 80);  
box-shadow:4px 4px 4px 4px rgb(148, 67,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6679, 10.8894, 8.8655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 67, 80) }
```

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

```
.background{ background-color: rgb(148, 67,  
80) }
```

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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