

Converting Colors

XYZ(11.7129, 8.8238, 9.8899)

Have a look what the booklet for
XYZ(11.7129, 8.8238, 9.8899)
contains.

XYZ(11.7129, 8.8238, 9.8899)	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(11.7129, 8.8238,
9.8899)**

Conversions

Conversions Part 1

Format	Color
Hex	7A4356
RGB	122, 67, 86
RGB Percent	48%, 26%, 34%
CMY	0.5216, 0.7372, 0.6627
CMYK	0.00, 0.45, 0.30, 0.52
HSL	339°, 29%, 37%
HSV	339°, 45%, 48%
XYZ	11.7129, 8.8238, 9.8899
YIQ	85.6110, 26.6810, 17.5690

Conversions

Conversions Part 2

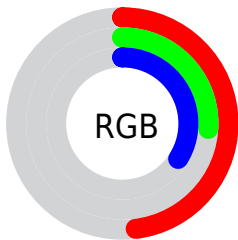
Format	Color
R_{YB}	122, 67, 86
Decimal	8012630
CIE Lab	35.64, 26.22, -0.86
CIE LCh	36, 26.232, 358.113
Yxy	8.8238, 0.3850, 0.2900
Android (android.graphics.Color)	4286202710 (0xFF7A4356)
YUV	85.6110, 0.1918, 31.9132
Hunter-Lab	29.7049, 18.4006, 1.0535

Details

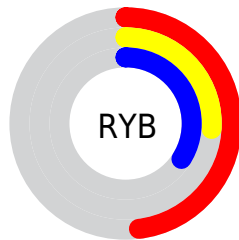
The XYZ color **11.7129, 8.8238, 9.8899** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **11.7229, 16.0918, 15.3210**, and the grayscale version is **8.7590, 9.2151, 10.0353**.

A 20% lighter version of the original color is **28.5938, 23.4985, 26.3211**, and **3.2669, 2.0360, 2.3186** is the 20% darker color. If you saturate the color by 10%, you get **10.7586, 7.4016, 8.0721**, and if you desaturate by 10%, it is **12.8565, 10.5669, 11.9485**.

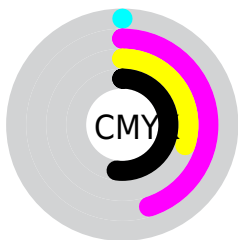
Distribution



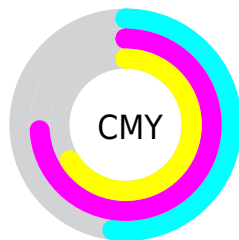
- Red (48%)
- Green (26%)
- Blue (34%)



- Red (48%)
- Yellow (26%)
- Blue (34%)



- Cyan (0%)
- Magenta (45%)
- Yellow (30%)
- Black (52%)




- Cyan (52%)
- Magenta (74%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.7129, 8.8238, 9.8899 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 11.7129, 8.8238, 9.8899 by changing the saturation by 10% instead.


 11.7129, 8.8238,
9.8899


 11.7129, 8.8238,
9.8899


196.3042,
182.0579, 200.3406


 6.6193, 4.6264,
5.2214


 28.5925, 23.5583,
26.1928


 3.2694, 2.0298,
2.3167

 41.1093, 34.8642,
38.6642


 1.2978, 0.6247,
0.7406

 56.8311, 49.3084,
54.5737

 0.1815, 0.0000,
0.0000

 76.1234, 67.2754,
74.3397

 0.0000, 0.0000,
0.0000

 99.3515, 89.1494,
98.3809

126.8808,

115.3149, 127.1158

159.0766,
146.1563, 160.9628

■ 11.7129, 8.8238,
9.8899

■ 11.7129, 8.8238,
9.8899

■ 10.7586, 7.4016,
8.0721

■ 12.8565, 10.5669,
11.9485

■ 9.9820, 6.2792,
6.4850

■ 14.1986, 12.6477,
14.2561

■ 9.3713, 5.4350,
5.1187


■ 15.7488, 15.0835,
16.8213


■ 8.9128, 4.8437,
3.9622


■ 17.5155, 17.8898,
19.6520


■ 8.5857, 4.4657,
3.0015


■ 19.5071, 21.0815,
22.7560

 8.4465, 4.3057,
2.5896

 21.7311, 24.6722,
26.1404

 24.1950, 28.6754,
29.8123

 26.9058, 33.1035,
33.7783

 29.8701, 37.9687,
38.0451

Harmonies

Analogous

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



11.1646, 8.8238, 14.8275



11.7129, 8.8238, 9.8899



11.2832, 8.8238, 6.1360

Triad

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



11.7129, 8.8238, 9.8899



7.0657, 8.8238, 3.8956



6.9160, 8.8238, 18.7718

Complementary

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



11.7129, 8.8238, 9.8899



11.7229, 16.0918, 15.3210

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.



6.0340, 8.8238, 14.1902



11.7129, 8.8238, 9.8899



6.1127, 8.8238, 5.7839

Square

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



11.7129, 8.8238, 9.8899



8.4848, 8.8238, 3.3744



5.7587, 8.8238, 9.3308



8.2895, 8.8238, 20.8389

Rectangle

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



11.7129, 8.8238, 9.8899



10.5262, 8.8238, 4.5711



5.7587, 8.8238, 9.3308



6.5588, 8.8238, 17.4172

Sweetspot

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



11.7131, 8.8242, 9.8901



27.9240, 26.8797, 29.9467



11.0853, 8.2888, 19.4280



6.2677, 5.9610, 6.6566



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.7131, 8.8242, 9.8901



18.8938, 12.9720, 14.1345



11.5726, 9.6094, 6.5557



4.0502, 4.0358, 4.4618



8.8891, 4.5318, 2.7071



42.0365, 21.4710, 10.9885

Inverse Universe

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



11.7131, 8.8242, 9.8901



18.8938, 12.9720, 14.1345



11.8171, 14.5770, 20.6032



4.0502, 4.0358, 4.4618



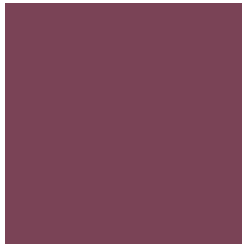
8.8891, 4.5318, 2.7071



42.0365, 21.4710, 10.9885

Previews

White Background



This preview shows how the XYZ color 11.7129, 8.8238, 9.8899 looks on a white background.

Color Contrast Check

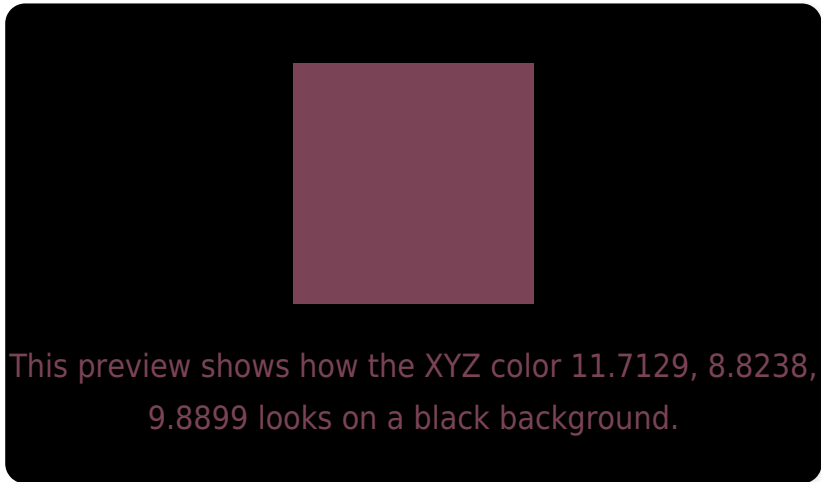
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7129, 8.8238, 9.8899

Background



This preview shows how black text looks on a background with the XYZ color 11.7129, 8.8238, 9.8899.



This preview shows how white text looks on a background with the XYZ color 11.7129, 8.8238,

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

11.7129, 8.8238, 9.8899

Protanopia

8.7613, 8.9790, 12.3377

Deuteranopia

9.1317, 9.0018, 9.6437



Tritanopia

11.2493, 8.8156, 7.5872

Trichromacy



Original Color

11.7129, 8.8238, 9.8899

Protanomaly

9.5859, 8.7629, 11.3114

Deuteranomaly

10.0025, 8.9067, 9.7863

Tritanomaly

11.3274, 8.7493, 8.2995

Monochromacy



Original Color

11.7129, 8.8238, 9.8899

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.6213, 8.9165, 10.0181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7129, 8.8238, 9.8899 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(122, 67, 86)` looks like.

```
.text, #text, p{  
    color:rgb(122, 67, 86)  
}
```

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(122, 67, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 67, 86) }
```

Border

The CSS property to change the border of an element to XYZ 11.7129, 8.8238, 9.8899 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(122, 67, 86) }
```


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

```
.border{ border-color:rgb(122, 67, 86) }
```

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

Here you see how a box with a 4 pixel rgb(122, 67, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 67, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 67, 86);  
box-shadow:4px 4px 4px 4px rgb(122, 67,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7129, 8.8238, 9.8899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 67, 86) }
```

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

```
.background{ background-color: rgb(122, 67,  
86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor