

Converting Colors

XYZ(11.3608, 9.1198, 6.9754)

Have a look what the booklet for
XYZ(11.3608, 9.1198, 6.9754)
contains.

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Color

**XYZ(11.3848, 9.0862,
6.9481)**

Conversions

Conversions Part 1

Format	Color
Hex	7A4746
RGB	122, 71, 70
RGB Percent	48%, 28%, 27%
CMY	0.5216, 0.7216, 0.7255
CMYK	0.00, 0.42, 0.43, 0.52
HSL	1°, 27%, 38%
HSV	1°, 43%, 48%
XYZ	11.3848, 9.0862, 6.9481
YIQ	86.1350, 30.7170, 10.5010

Conversions

Conversions Part 2

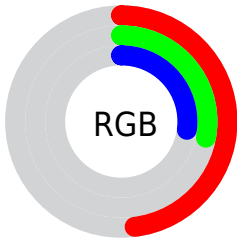
Format	Color
R_{YB}	122, 71, 70
Decimal	8013638
CIE Lab	36.15, 21.69, 9.99
CIE LCh	36, 23.878, 24.736
Yxy	9.0862, 0.4152, 0.3314
Android (android.graphics.Color)	4286203718 (0xFF7A4746)
YUV	86.1350, -7.9546, 31.4536
Hunter-Lab	30.1433, 14.6667, 7.4339

Details

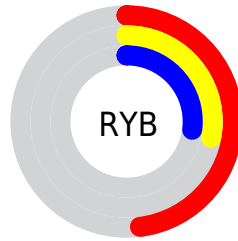
The XYZ color **11.3848, 9.0862, 6.9481** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **12.8759, 16.3816, 20.8958**, and the grayscale version is **8.8860, 9.3488, 10.1808**.

A 20% lighter version of the original color is **27.8910, 23.9711, 20.2964**, and **3.1658, 2.1575, 1.2865** is the 20% darker color. If you saturate the color by 10%, you get **10.3507, 7.5729, 4.8926**, and if you desaturate by 10%, it is **12.6475, 10.9314, 9.4661**.

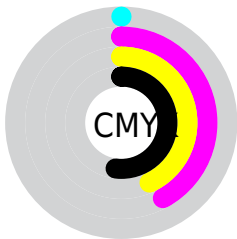
Distribution



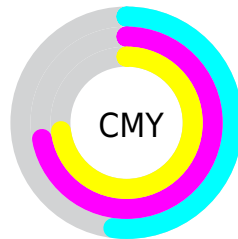
- Red (48%)
- Green (28%)
- Blue (27%)



- Red (48%)
- Yellow (28%)
- Blue (27%)



- Cyan (0%)
- Magenta (42%)
- Yellow (43%)
- Black (52%)



- Cyan (52%)
- Magenta (72%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3848, 9.0862, 6.9481 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 11.3848, 9.0862, 6.9481 by changing the saturation by 10% instead.

■ 11.3848, 9.0862,
6.9481

■ 11.3848, 9.0862,
6.9481

194.1431,
184.0196, 176.8463

■ 6.3955, 4.7975,
3.3517

■ 27.9963, 24.0619,
20.3798

■ 3.1299, 2.1289,
1.2769

■ 40.3491, 35.5177,
31.0522

■ 1.2228, 0.6808,
0.0427

■ 55.8871, 50.1312,
44.9204

■ 0.1243, 0.0000,
0.0000

■ 74.9758, 68.2870,
62.4028

■ 0.0000, 0.0000,
0.0000

■ 97.9803, 90.3693,
83.9181

125.2661,

116.7626, 109.8847

157.1986,
147.8512, 140.7213

■ 11.3848, 9.0862,
6.9481

■ 11.3848, 9.0862,
6.9481

■ 10.3507, 7.5729,
4.8926

■ 12.6475, 10.9314,
9.4661

■ 9.5308, 6.3706,
3.2710

■ 14.1507, 13.1253,
12.4718

■ 8.9105, 5.4581,
2.0523

■ 15.9060, 15.6848,
15.9891

■ 8.4726, 4.8110,
1.2013

■ 17.9244, 18.6256,
20.0405

■ 8.1971, 4.4008,
0.6759

■ 20.2160, 21.9626,
24.6467

■ 8.0516, 4.1887,
0.3841

■ 22.7905, 25.7094,
29.8276

■ 25.6572, 29.8795,
35.6022

■ 28.8247, 34.4855,
41.9883

■ 32.3014, 39.5396,
49.0032

Harmonies

Analogous

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



11.6769, 9.0862, 10.6343



11.3848, 9.0862, 6.9481



10.3246, 9.0862, 4.7522

Triad

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



11.3848, 9.0862, 6.9481



6.5783, 9.0862, 6.0047



8.3861, 9.0862, 20.0009

Complementary

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



11.3848, 9.0862, 6.9481



12.8759, 16.3816, 20.8958

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.



7.1426, 9.0862, 17.8255



11.3848, 9.0862, 6.9481



6.1752, 9.0862, 9.1876

Square

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



11.3848, 9.0862, 6.9481



7.5350, 9.0862, 4.3223



6.3699, 9.0862, 13.5716



9.8397, 9.0862, 18.9179

Rectangle

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



11.3848, 9.0862, 6.9481



9.3812, 9.0862, 4.0710



6.3699, 9.0862, 13.5716



7.9316, 9.0862, 19.6120

Sweetspot

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



11.3850, 9.0867, 6.9483



27.7553, 27.2618, 27.6724



13.6757, 9.9018, 19.3227



6.2100, 6.0348, 6.0542



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.



11.3850, 9.0867, 6.9483



18.2741, 13.4170, 8.7349



13.3940, 13.1047, 7.6179



4.0039, 4.0263, 4.1906



8.4763, 4.4085, 0.4042



40.3609, 20.8852, 1.9040

Inverse Universe

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



12.8759, 16.3816, 20.8958



21.2590, 28.0299, 36.6828



10.1430, 10.9158, 19.9849



4.1008, 4.4998, 5.0956



10.7247, 15.5318, 21.8180



51.0817, 73.9360, 104.0486

Previews

White Background



This preview shows how the XYZ color 11.3848, 9.0862, 6.9481 looks on a white background.

Color Contrast Check

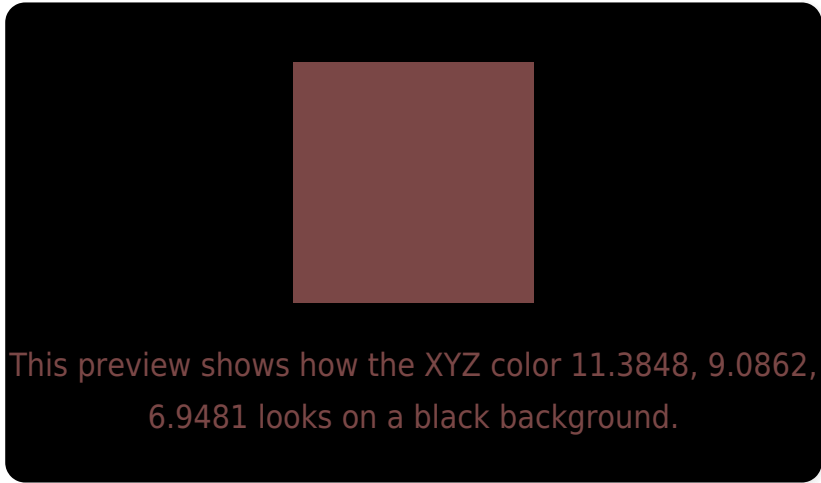
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3848, 9.0862, 6.9481

Background



This preview shows how black text looks on a background with the XYZ color 11.3848, 9.0862, 6.9481.



This preview shows how white text looks on a background with the XYZ color 11.3848, 9.0862,

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

11.3848, 9.0862, 6.9481

Protanopia

8.7079, 9.1567, 8.3296

Deuteranopia

9.3162, 9.1613, 6.7461



Tritanopia

11.4862, 9.0259, 7.7934

Trichromacy



Original Color

11.3848, 9.0862, 6.9481

Protanomaly

9.4715, 8.9984, 7.7162

Deuteranomaly

9.9829, 9.0666, 6.8541

Tritanomaly

11.4188, 8.9989, 7.4385

Monochromacy



Original Color

11.3848, 9.0862, 6.9481

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.5360, 9.1167, 8.8465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3848, 9.0862, 6.9481 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, 71, 70)` looks like.

```
.text, #text, p{  
    color:rgb(122, 71, 70)  
}
```

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, 71, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 71, 70) }
```

Border

The CSS property to change the border of an element to XYZ 11.3848, 9.0862, 6.9481 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, 71, 70) }
```


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

```
.border{ border-color:rgb(122, 71, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 71, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 71, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 71, 70);  
box-shadow:4px 4px 4px 4px rgb(122, 71,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3848, 9.0862, 6.9481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 71, 70) }
```

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

```
.background{ background-color: rgb(122, 71,  
70) }
```

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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