

Converting Colors

XYZ(11.2010, 9.2141, 7.1393)

Have a look what the booklet for
XYZ(11.2010, 9.2141, 7.1393)
contains.

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Color

**XYZ(11.1276, 9.1420,
7.1393)**

Conversions

Conversions Part 1

Format	Color
Hex	774947
RGB	119, 73, 71
RGB Percent	47%, 29%, 28%
CMY	0.5333, 0.7137, 0.7216
CMYK	0.00, 0.39, 0.40, 0.53
HSL	3°, 25%, 37%
HSV	3°, 40%, 47%
XYZ	11.1276, 9.1420, 7.1393
YIQ	86.5260, 28.0580, 9.1300

Conversions

Conversions Part 2

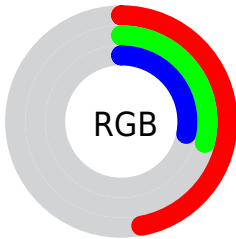
Format	Color
R_{YB}	119, 73, 71
Decimal	7817543
CIE _{Lab}	36.26, 19.36, 9.45
CIE _{LCh}	36, 21.541, 26.017
Yxy	9.1420, 0.4060, 0.3335
Android (android.graphics.Color)	4286007623 (0xFF774947)
YUV	86.5260, -7.6543, 28.4797
Hunter-Lab	30.2357, 12.7805, 7.1654

Details

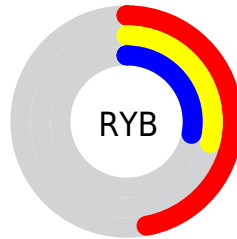
The XYZ color **11.1276, 9.1420, 7.1393** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **12.2892, 15.3932, 19.7761**, and the grayscale version is **8.9693, 9.4364, 10.2763**.

A 20% lighter version of the original color is **27.5229, 24.1352, 20.6607**, and **3.0088, 2.1433, 1.3537** is the 20% darker color. If you saturate the color by 10%, you get **10.1007, 7.6407, 5.0938**, and if you desaturate by 10%, it is **12.3672, 10.9489, 9.6250**.

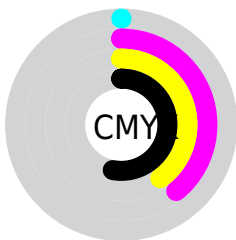
Distribution



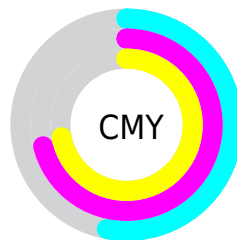
- Red (47%)
- Green (29%)
- Blue (28%)



- Red (47%)
- Yellow (29%)
- Blue (28%)



- Cyan (0%)
- Magenta (39%)
- Yellow (40%)
- Black (53%)



- Cyan (53%)
- Magenta (71%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1276, 9.1420, 7.1393 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 11.1276, 9.1420, 7.1393 by changing the saturation by 10% instead.

■ 11.1276, 9.1420,
7.1393

■ 11.1276, 9.1420,
7.1393

192.4311,
184.4337, 178.4908

■ 6.2207, 4.8339,
3.4696

■ 27.5267, 24.1687,
20.7705

■ 3.0216, 2.1501,
1.3391

■ 39.7496, 35.6560,
31.5691

■ 1.1652, 0.6926,
0.0935

■ 55.1419, 50.3053,
45.5811

■ 0.0786, 0.0000,
0.0000

■ 74.0689, 68.5008,
63.2251

■ 0.0000, 0.0000,
0.0000

■ 96.8960, 90.6270,
84.9195

123.9885,

117.0683, 111.0828

155.7117,
148.2091, 142.1338

■ 11.1276, 9.1420,
7.1393

■ 11.1276, 9.1420,
7.1393

■ 10.1007, 7.6407,
5.0938

■ 12.3672, 10.9489,
9.6250

■ 9.2739, 6.4269,
3.4623

■ 13.8298, 13.0757,
12.5739

■ 8.6343, 5.4826,
2.2168


■ 15.5258, 15.5372,
16.0081


■ 8.1673, 4.7873,
1.3254


■ 17.4648, 18.3469,
19.9480


■ 7.8561, 4.3175,
0.7513


■ 19.6559, 21.5177,
24.4129

 7.6616, 4.0297,
0.3740

 22.1077, 25.0618,
29.4212

 24.8284, 28.9908,
34.9903

 27.8257, 33.3157,
41.1367

 31.1071, 38.0473,
47.8765

Harmonies

Analogous

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



11.4210, 9.1420, 10.4583



11.1276, 9.1420, 7.1393



10.1584, 9.1420, 5.1300

Triad

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



11.1276, 9.1420, 7.1393



6.7816, 9.1420, 6.4729



8.5172, 9.1420, 18.9104

Complementary

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



11.1276, 9.1420, 7.1393



12.2892, 15.3932, 19.7761

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.



7.3689, 9.1420, 17.1256



11.1276, 9.1420, 7.1393



6.4320, 9.1420, 9.4663

Square

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



11.1276, 9.1420, 7.1393



7.6409, 9.1420, 4.8177



6.6359, 9.1420, 13.4257



9.8292, 9.1420, 17.8476

Rectangle

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



11.1276, 9.1420, 7.1393



9.3056, 9.1420, 4.5090



6.6359, 9.1420, 13.4257



8.1006, 9.1420, 18.6138

Sweetspot

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



11.1278, 9.1424, 7.1395



27.1706, 26.9064, 27.3847



13.0954, 9.7222, 18.1394



6.3656, 6.2698, 6.3408



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.



11.1278, 9.1424, 7.1395



18.2748, 13.9565, 9.4929



12.9829, 12.8525, 7.7578



3.6951, 3.7231, 3.8662



8.1383, 4.2777, 0.3968



39.5018, 20.5320, 1.8811

Inverse Universe

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



12.2892, 15.3932, 19.7761



20.6450, 26.7268, 35.3238



9.8779, 10.5706, 18.9723



3.7709, 4.1303, 4.6887



9.9330, 14.2056, 20.7610



48.2437, 68.9040, 101.1174

Previews

White Background



This preview shows how the XYZ color 11.1276, 9.1420, 7.1393 looks on a white background.

Color Contrast Check

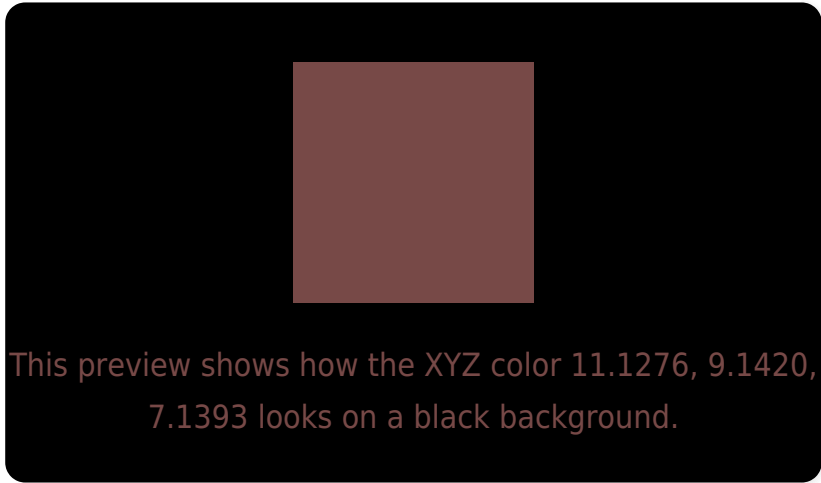
Large Text (above 18pt) WCAG AA ✓ Pass

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

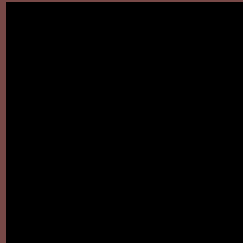
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1276, 9.1420, 7.1393

Background



This preview shows how black text looks on a background with the XYZ color 11.1276, 9.1420, 7.1393.



This preview shows how white text looks on a background with the XYZ color 11.1276, 9.1420,

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

11.1276, 9.1420, 7.1393

Protanopia

8.7079, 9.1567, 8.3296

Deuteranopia

9.3470, 9.1736, 6.9083



Tritanopia

11.4026, 9.1636, 8.1889

Trichromacy



Original Color

11.1276, 9.1420, 7.1393

Protanomaly

9.4680, 9.1022, 7.9145

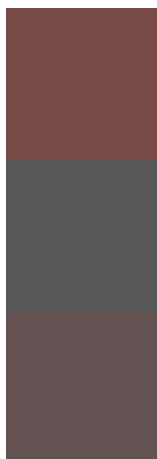
Deuteranomaly

9.9649, 9.1600, 7.0372

Tritanomaly

11.3331, 9.1358, 7.8227

Monochromacy



Original Color

11.1276, 9.1420, 7.1393

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.6481, 9.2813, 9.0675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1276, 9.1420, 7.1393 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(119, 73, 71)` looks like.

```
.text, #text, p{  
    color:rgb(119, 73, 71)  
}
```

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(119, 73, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 73, 71) }
```

Border

The CSS property to change the border of an element to XYZ 11.1276, 9.1420, 7.1393 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(119, 73, 71) }
```


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

```
.border{ border-color:rgb(119, 73, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 73, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 73, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 73, 71);  
box-shadow:4px 4px 4px 4px rgb(119, 73,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1276, 9.1420, 7.1393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 73, 71) }
```

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

```
.background{ background-color: rgb(119, 73,  
71) }
```

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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