

Converting Colors

XYZ(10.8890, 8.0021, 6.6888)

Have a look what the booklet for
XYZ(10.8890, 8.0021, 6.6888)
contains.

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Color

**XYZ(10.9426, 7.9906,
6.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	7B3D46
RGB	123, 61, 70
RGB Percent	48%, 24%, 27%
CMY	0.5176, 0.7608, 0.7255
CMYK	0.00, 0.50, 0.43, 0.52
HSL	351°, 34%, 36%
HSV	351°, 50%, 48%
XYZ	10.9426, 7.9906, 6.7600
YIQ	80.5640, 34.0630, 15.9430

Conversions

Conversions Part 2

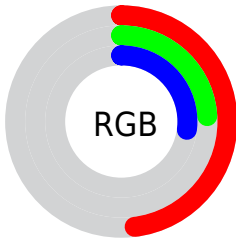
Format	Color
R _Y B	123, 61, 70
Decimal	8076614
CIE Lab	33.96, 27.88, 6.95
CIE LCh	34, 28.732, 13.998
Yxy	7.9906, 0.4259, 0.3110
Android (android.graphics.Color)	4286266694 (0xFF7B3D46)
YUV	80.5640, -5.2081, 37.2164
Hunter-Lab	28.2676, 19.6302, 5.6086

Details

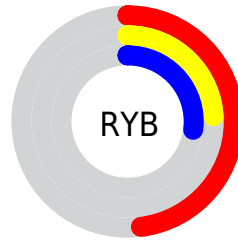
The XYZ color **10.9426, 7.9906, 6.7600** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **12.0450, 16.3731, 18.4458**, and the grayscale version is **7.7406, 8.1438, 8.8685**.

A 20% lighter version of the original color is **27.2060, 21.9248, 19.9375**, and **2.9534, 1.7328, 1.2157** is the 20% darker color. If you saturate the color by 10%, you get **10.0564, 6.7037, 4.9680**, and if you desaturate by 10%, it is **12.0380, 9.6028, 8.9088**.

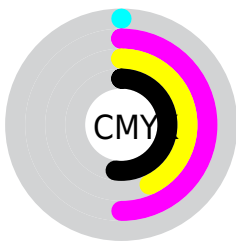
Distribution



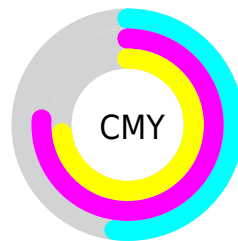
- Red (48%)
- Green (24%)
- Blue (27%)



- Red (48%)
- Yellow (24%)
- Blue (27%)



- Cyan (0%)
- Magenta (50%)
- Yellow (43%)
- Black (52%)





- Cyan (52%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.9426, 7.9906, 6.7600 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 10.9426, 7.9906, 6.7600 by changing the saturation by 10% instead.


 10.9426, 7.9906,
6.7600


 10.9426, 7.9906,
6.7600


191.1898,
175.6583, 175.2089


 6.0953, 4.0889,
3.2363


 27.1879, 21.9400,
19.9933


 2.9443, 1.7234,
1.2165

 39.3165, 32.7566,
30.5400


 1.1244, 0.4388,
0.0000

 54.6030, 46.6468,
44.2648

 0.0454, 0.0000,
0.0000

 73.4126, 63.9953,
61.5862

 0.0000, 0.0000,
0.0000

 96.1107, 85.1862,
82.9228

 123.0627,

110.6041, 108.6931

154.6339,
140.6333, 139.3156

■ 10.9426, 7.9906,
6.7600

■ 10.9426, 7.9906,
6.7600

■ 10.0564, 6.7037,
4.9680

■ 12.0380, 9.6028,
8.9088

■ 9.3653, 5.7188,
3.5127

■ 13.3542, 11.5592,
11.4318

■ 8.8544, 5.0114,
2.3731

■ 14.9028, 13.8786,
14.3459

■ 8.5064, 4.5527,
1.5253

■ 16.6943, 16.5780,
17.6669

■ 8.2763, 4.2541,
0.9508

■ 18.7385, 19.6734,
21.4096

■ 21.0448, 23.1800,
25.5881

■ 23.6221, 27.1121,
30.2158

■ 26.4787, 31.4833,
35.3057

■ 29.6229, 36.3066,
40.8700

Harmonies

Analogous

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



10.9075, 7.9906, 11.3278



10.9426, 7.9906, 6.7600



9.9981, 7.9906, 3.9461

Triad

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



10.9426, 7.9906, 6.7600



5.6730, 7.9906, 3.8203



6.7873, 7.9906, 20.0383

Complementary

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



10.9426, 7.9906, 6.7600



12.0450, 16.3731, 18.4458

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.



5.6113, 7.9906, 16.2568



10.9426, 7.9906, 6.7600



5.0316, 7.9906, 6.5144

Square

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



10.9426, 7.9906, 6.7600



6.8830, 7.9906, 2.6921



5.0107, 7.9906, 10.9806



8.3541, 7.9906, 20.1761

Rectangle

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



10.9426, 7.9906, 6.7600



9.0069, 7.9906, 2.9872



5.0107, 7.9906, 10.9806



6.3386, 7.9906, 19.1047

Sweetspot

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



10.9428, 7.9910, 6.7601



28.2470, 27.2000, 28.5915



12.1446, 8.3253, 19.7057



6.5224, 6.2100, 6.4922



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



10.9428, 7.9910, 6.7601



17.8597, 11.7906, 8.5891



12.0813, 10.6889, 5.8418



4.0198, 4.0237, 4.3021



8.5604, 4.4003, 0.9762



40.6363, 20.9109, 3.6150

Inverse Universe

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



10.9428, 7.9910, 6.7601



17.8597, 11.7906, 8.5891



10.1828, 11.7882, 20.4775



4.0198, 4.0237, 4.3021



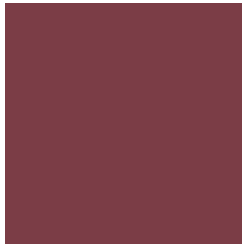
8.5604, 4.4003, 0.9762



40.6363, 20.9109, 3.6150

Previews

White Background



This preview shows how the XYZ color 10.9426, 7.9906, 6.7600 looks on a white background.

Color Contrast Check

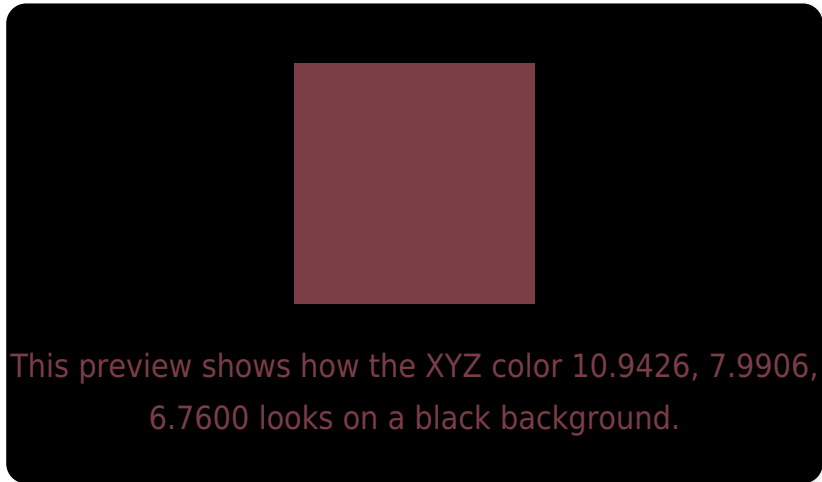
Large Text (above 18pt) WCAG AA ✓ Pass

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

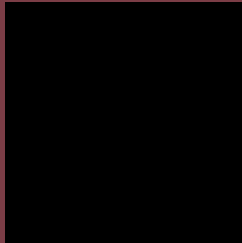
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.9426, 7.9906, 6.7600

Background



This preview shows how black text looks on a background with the XYZ color 10.9426, 7.9906, 6.7600.



This preview shows how white text looks on a background with the XYZ color 10.9426, 7.9906,

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

10.9426, 7.9906, 6.7600

Protanopia

7.7963, 8.1103, 8.7440

Deuteranopia

8.1812, 8.0402, 6.4309



Tritanopia

10.8744, 8.0496, 6.1348

Trichromacy



Original Color

10.9426, 7.9906, 6.7600

Protanomaly

8.6168, 7.8283, 7.8943

Deuteranomaly

9.0055, 7.8669, 6.5127

Tritanomaly

10.9041, 8.0615, 6.2915

Monochromacy



Original Color

10.9426, 7.9906, 6.7600

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

8.6122, 7.9202, 8.0960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9426, 7.9906, 6.7600 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(123, 61, 70)` looks like.

```
.text, #text, p{  
    color:rgb(123, 61, 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(123, 61, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 61, 70) }
```

Border

The CSS property to change the border of an element to XYZ 10.9426, 7.9906, 6.7600 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(123, 61, 70) }
```


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

```
.border{ border-color:rgb(123, 61, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 61, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 61, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 61, 70);  
box-shadow:4px 4px 4px 4px rgb(123, 61,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9426, 7.9906, 6.7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 61, 70) }
```

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

```
.background{ background-color: rgb(123, 61,  
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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