

Converting Colors

XYZ(10.4401, 6.8649, 7.3729)

Have a look what the booklet for
XYZ(10.4401, 6.8649, 7.3729)
contains.

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Color

**XYZ(10.3944, 6.8422,
7.4294)**

Conversions

Conversions Part 1

Format	Color
Hex	7A314B
RGB	122, 49, 75
RGB Percent	48%, 19%, 29%
CMY	0.5216, 0.8078, 0.7059
CMYK	0.00, 0.60, 0.39, 0.52
HSL	339°, 43%, 34%
HSV	339°, 60%, 48%
XYZ	10.3944, 6.8422, 7.4294
YIQ	73.7910, 35.1620, 23.5620

Conversions

Conversions Part 2

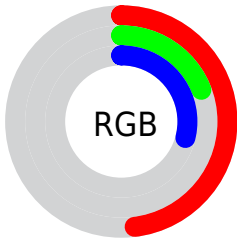
Format	Color
RYB	122, 49, 75
Decimal	8008011
CIELab	31.44, 34.60, 0.08
CIELCh	31, 34.602, 0.125
Yxy	6.8422, 0.4214, 0.2774
Android (android.graphics.Color)	4286198091 (0xFF7A314B)
YUV	73.7910, 0.5960, 42.2793
Hunter-Lab	26.1576, 25.1558, 1.4705

Details

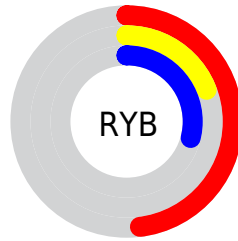
The XYZ color **10.3944, 6.8422, 7.4294** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **10.3379, 15.4169, 13.4982**, and the grayscale version is **6.4668, 6.8035, 7.4091**.

A 20% lighter version of the original color is **26.2314, 19.7260, 21.4937**, and **2.7731, 1.4010, 1.4206** is the 20% darker color. If you saturate the color by 10%, you get **9.6991, 5.8556, 5.9520**, and if you desaturate by 10%, it is **11.2615, 8.1192, 9.1280**.

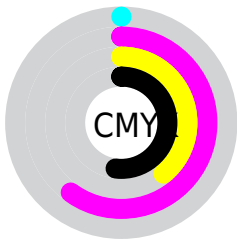
Distribution



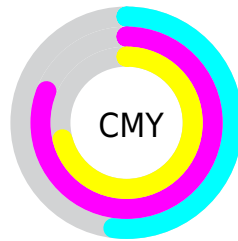
- Red (48%)
- Green (19%)
- Blue (29%)



- Red (48%)
- Yellow (19%)
- Blue (29%)



- Cyan (0%)
- Magenta (60%)
- Yellow (39%)
- Black (52%)





- Cyan (52%)
- Magenta (81%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3944, 6.8422, 7.4294 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 10.3944, 6.8422, 7.4294 by changing the saturation by 10% instead.


 10.3944, 6.8422,
7.4294


 10.3944, 6.8422,
7.4294


187.4597,
166.3460, 180.9496


 5.7255, 3.3636,
3.6496

 26.1777, 19.6551,
21.3594


 2.7180, 1.3244,
1.4351


 38.0229, 29.7581,
32.3466

 1.0064, 0.1600,
0.1689

 52.9908, 42.8381,
46.5734

 0.0000, 0.0000,
0.0000

 71.4469, 59.2794,
64.4583

 93.7564, 79.4665,
86.4198

 120.2848,

103.7837, 112.8765

151.3975,
132.6154, 144.2469

■ 10.3944, 6.8422,
7.4294

■ 10.3944, 6.8422,
7.4294

■ 9.6991, 5.8556,
5.9520

■ 11.2615, 8.1192,
9.1280

■ 9.1623, 5.1348,
4.6854

■ 12.3111, 9.7063,
11.0568

■ 8.7697, 4.6533,
3.6184

■ 13.5538, 11.6227,
13.2249

■ 8.4751, 4.3207,
2.7289

■ 14.9990, 13.8857,
15.6405

■ 8.4704, 4.3153,
2.7153

■ 16.6555, 16.5116,
18.3114

■ 18.5317, 19.5153,
21.2452

■ 20.6356, 22.9111,
24.4491

■ 22.9744, 26.7126,
27.9300

■ 25.5554, 30.9325,
31.6945

Harmonies

Analogous

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



9.8062, 6.8422, 13.2210



10.3944, 6.8422, 7.4294



9.7967, 6.8422, 3.6412

Triad

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



10.3944, 6.8422, 7.4294



4.9833, 6.8422, 1.8998



4.9937, 6.8422, 19.0221

Complementary

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



10.3944, 6.8422, 7.4294



10.3379, 15.4169, 13.4982

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.



4.0456, 6.8422, 13.2734



10.3944, 6.8422, 7.4294



4.0403, 6.8422, 3.6634

Square

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



10.3944, 6.8422, 7.4294



6.4961, 6.8422, 1.4312



3.7293, 6.8422, 7.4706



6.5105, 6.8422, 21.4668

Rectangle

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



10.3944, 6.8422, 7.4294



8.8575, 6.8422, 2.2950



3.7293, 6.8422, 7.4706



4.6082, 6.8422, 17.3156

Sweetspot

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



10.3946, 6.8426, 7.4295



26.7725, 25.0363, 28.1462



9.3551, 6.0476, 19.0868



5.9716, 5.4882, 6.1899



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.



10.3946, 6.8426, 7.4295



16.6630, 9.7535, 9.5586



10.1310, 7.4603, 3.8122



4.0518, 4.0364, 4.4705



8.9142, 4.5418, 2.8391



42.1495, 21.5161, 11.5832

Inverse Universe

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



10.3946, 6.8426, 7.4295



16.6630, 9.7535, 9.5586



10.6034, 13.7057, 20.4991



4.0518, 4.0364, 4.4705



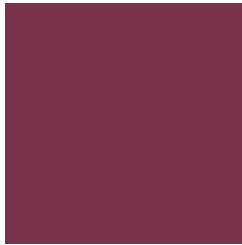
8.9142, 4.5418, 2.8391



42.1495, 21.5161, 11.5832

Previews

White Background



This preview shows how the XYZ color 10.3944, 6.8422, 7.4294 looks on a white background.

Color Contrast Check

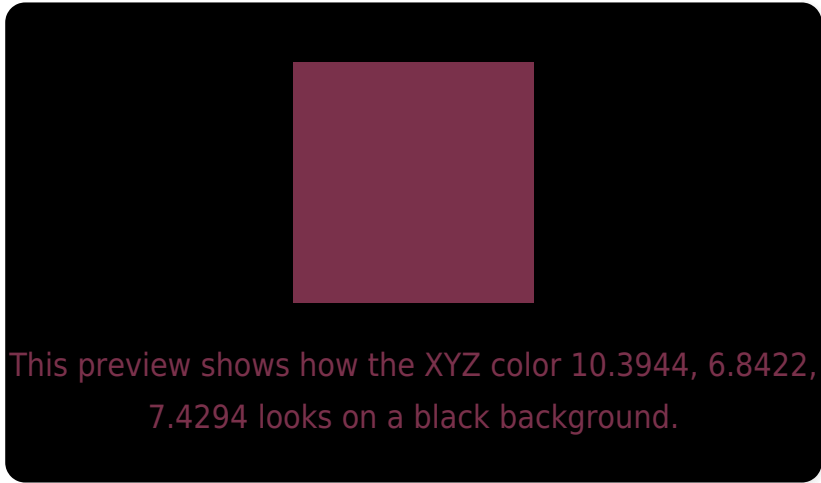
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.3944, 6.8422, 7.4294

Background



This preview shows how black text looks on a background with the XYZ color 10.3944, 6.8422, 7.4294.



This preview shows how white text looks on a background with the XYZ color 10.3944, 6.8422,

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

10.3944, 6.8422, 7.4294

Protanopia

6.8928, 6.9753, 10.6559

Deuteranopia

7.0220, 6.9287, 6.9285



Tritanopia

9.8721, 6.8967, 4.5523

Trichromacy



Original Color

10.3944, 6.8422, 7.4294

Protanomaly

7.7464, 6.6101, 9.4619

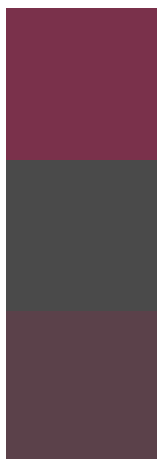
Deuteranomaly

7.9329, 6.6761, 7.0014

Tritanomaly

10.0104, 6.8798, 5.5030

Monochromacy



Original Color

10.3944, 6.8422, 7.4294

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

7.4407, 6.4992, 7.3409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3944, 6.8422, 7.4294 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, 49, 75)` looks like.

```
.text, #text, p{  
    color:rgb(122, 49, 75)  
}
```

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, 49, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 49, 75) }
```

Border

The CSS property to change the border of an element to XYZ 10.3944, 6.8422, 7.4294 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, 49, 75) }
```


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

```
.border{ border-color:rgb(122, 49, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 49, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 49, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 49, 75);  
box-shadow:4px 4px 4px 4px rgb(122, 49,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3944, 6.8422, 7.4294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 49, 75) }
```

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

```
.background{ background-color: rgb(122, 49,  
75) }
```

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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