

Converting Colors

XYZ(10.3943, 8.9867, 1.5034)

Have a look what the booklet for
XYZ(10.3943, 8.9867, 1.5034)
contains.

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Color

**XYZ(10.3943, 8.9867,
1.5034)**

Conversions

Conversions Part 1

Format	Color
Hex	794A0B
RGB	121, 74, 11
RGB Percent	47%, 29%, 4%
CMY	0.5255, 0.7098, 0.9568
CMYK	0.00, 0.39, 0.91, 0.53
HSL	34°, 83%, 26%
HSV	34°, 91%, 47%
XYZ	10.3943, 8.9867, 1.5034
YIQ	80.8710, 48.2350, -9.6290

Conversions

Conversions Part 2

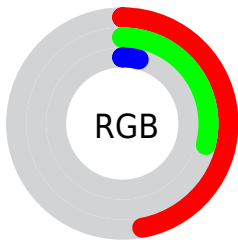
Format	Color
RYB	93, 121, 11
Decimal	7948811
CIELab	35.96, 15.15, 41.60
CIELCh	36, 44.274, 69.996
Yxy	8.9867, 0.4977, 0.4303
Android (android.graphics.Color)	4286138891 (0xFF794A0B)
YUV	80.8710, -34.4464, 35.1931
Hunter-Lab	29.9778, 9.4306, 18.0111

Details

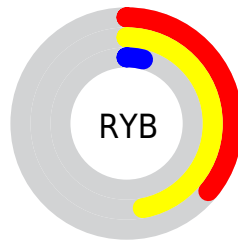
The XYZ color **10.3943, 8.9867, 1.5034** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **5.1022, 4.4776, 18.6842**, and the grayscale version is **7.8551, 8.2642, 8.9997**.

A 20% lighter version of the original color is **26.2854, 23.9678, 7.6557**, and **2.7790, 2.1218, 0.2631** is the 20% darker color. If you saturate the color by 10%, you get **10.0318, 8.3585, 1.0846**, and if you desaturate by 10%, it is **10.8492, 9.7442, 2.1251**.

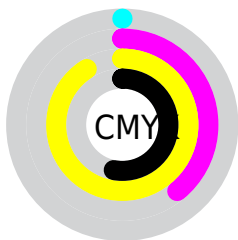
Distribution



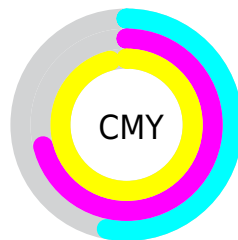
- Red (47%)
- Green (29%)
- Blue (4%)



- Red (36%)
- Yellow (47%)
- Blue (4%)



- Cyan (0%)
- Magenta (39%)
- Yellow (91%)
- Black (53%)



- Cyan (53%)
- Magenta (71%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3943, 8.9867, 1.5034 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 10.3943, 8.9867, 1.5034 by changing the saturation by 10% instead.

10.3943, 8.9867,
1.5034

10.3943, 8.9867,
1.5034

187.4590,
183.2786, 114.1147

5.7254, 4.7325,
0.2205

26.1775, 23.8713,
7.6323

2.7179, 2.0912,
0.0000

38.0226, 35.2704,
13.4903

1.0064, 0.6597,
0.0000

52.9905, 49.8200,
21.7686


0.0000, 0.0000,
0.0000


71.4465, 67.9045,
32.8858

93.7560, 89.9082,
47.2605


120.2843,


116.2155, 65.3112


 151.3969,
147.2109, 87.4564


 10.3943, 8.9867,
1.5034


 10.3943, 8.9867,
1.5034


 10.0318, 8.3585,
1.0846

 10.8492, 9.7442,
2.1251

 11.3885, 10.5815,
3.0482

 12.0195, 11.5030,
4.3083

 12.7486, 12.5122,
5.9359

 13.5816, 13.6123,
7.9579

■ 14.5235, 14.8064,
10.3986

■ 15.5793, 16.0971,
13.2807

■ 16.7533, 17.4874,
16.6248

■ 18.0497, 18.9795,
20.4504

Harmonies

Analogous

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



13.0397, 8.9867, 3.1087



10.3943, 8.9867, 1.5034



7.6921, 8.9867, 1.3232

Triad

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



10.3943, 8.9867, 1.5034



4.4610, 8.9867, 12.5255



12.2287, 8.9867, 25.6383

Complementary

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



10.3943, 8.9867, 1.5034



5.1022, 4.4776, 18.6842

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.



9.4514, 8.9867, 32.1547



10.3943, 8.9867, 1.5034



5.2189, 8.9867, 22.3853

Square

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



10.3943, 8.9867, 1.5034



4.6110, 8.9867, 5.6139



6.9233, 8.9867, 30.7286



14.2407, 8.9867, 15.6342

Rectangle

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



10.3943, 8.9867, 1.5034



6.2511, 8.9867, 1.8310



6.9233, 8.9867, 30.7286



11.3327, 8.9867, 28.4948

Sweetspot

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



10.3945, 8.9872, 1.5036



26.5965, 27.2425, 20.2011



8.7856, 4.6166, 4.5208



5.9705, 6.0921, 4.3210



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.



10.3945, 8.9872, 1.5036



17.8232, 14.6852, 1.8951



13.7937, 17.2537, 2.9200



4.1710, 4.3605, 4.2463



10.7396, 8.9350, 1.1586



50.3713, 40.9060, 5.2408

Inverse Universe

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



5.1022, 4.4776, 18.6842



8.2200, 6.5517, 33.2243



3.8266, 1.7517, 18.2253



3.9253, 4.1490, 5.0371



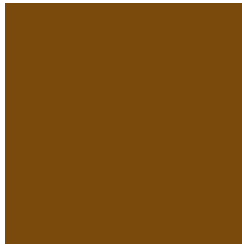
4.9892, 4.0607, 19.9061



22.9896, 17.7519, 94.6846

Previews

White Background



This preview shows how the XYZ color 10.3943, 8.9867, 1.5034 looks on a white background.

Color Contrast Check

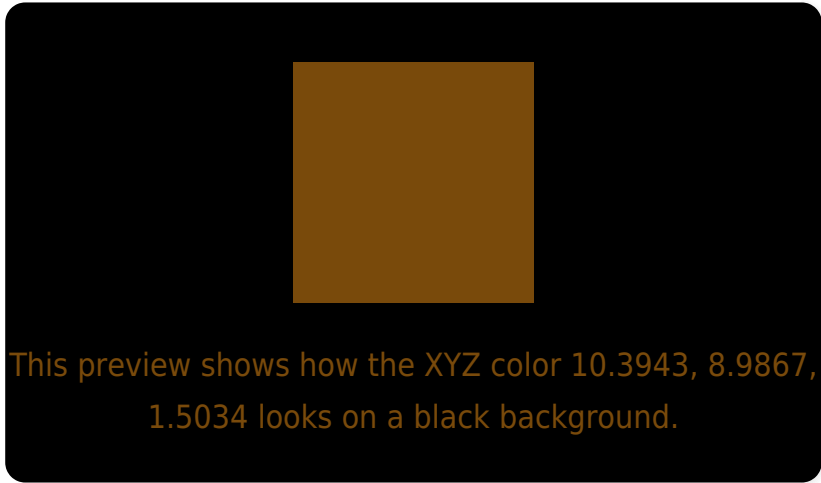
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.3943, 8.9867, 1.5034

Background



This preview shows how black text looks on a background with the XYZ color 10.3943, 8.9867, 1.5034.



This preview shows how white text looks on a background with the XYZ color 10.3943, 8.9867,

1.5034.

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

10.3943, 8.9867, 1.5034

Protanopia

8.1516, 9.0155, 1.7260

Deuteranopia

9.1268, 9.0730, 1.2702



Tritanopia

11.6763, 9.0357, 7.6072

Trichromacy



Original Color

10.3943, 8.9867, 1.5034

Protanomaly

8.8408, 8.9172, 1.6360

Deuteranomaly

9.5564, 8.9683, 1.3422

Tritanomaly

11.0192, 8.9564, 4.2800

Monochromacy



Original Color

10.3943, 8.9867, 1.5034

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

8.2621, 8.2211, 4.8928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3943, 8.9867, 1.5034 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(121, 74, 11)` looks like.

```
.text, #text, p{  
    color:rgb(121, 74, 11)  
}
```

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(121, 74, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 74, 11) }
```

Border

The CSS property to change the border of an element to XYZ 10.3943, 8.9867, 1.5034 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(121, 74, 11) }
```


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

```
.border{ border-color:rgb(121, 74, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 74, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 74, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 74, 11);  
box-shadow:4px 4px 4px 4px rgb(121, 74,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3943, 8.9867, 1.5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 74, 11) }
```

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

```
.background{ background-color: rgb(121, 74,  
11) }
```

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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