

Converting Colors

XYZ(10.9808, 9.9628, 1.3443)

Have a look what the booklet for
XYZ(10.9808, 9.9628, 1.3443)
contains.

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Color

**XYZ(10.8947, 9.8749,
1.3318)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5000
RGB	122, 80, 0
RGB Percent	48%, 31%, 0%
CMY	0.5216, 0.6863, 1.0000
CMYK	0.00, 0.34, 1.00, 0.52
HSL	39°, 100%, 24%
HSV	39°, 100%, 48%
XYZ	10.8947, 9.8749, 1.3318
YIQ	83.4380, 50.7120, -15.9760

Conversions

Conversions Part 2

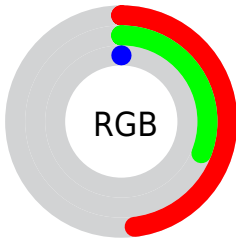
Format	Color
R_{YB}	64, 122, 0
Decimal	8015872
CIE _{Lab}	37.62, 11.77, 46.36
CIE _{LCh}	38, 47.834, 75.750
Yxy	9.8749, 0.4929, 0.4468
Android (android.graphics.Color)	4286205952 (0xFF7A5000)
YUV	83.4380, -41.1349, 33.8189
Hunter-Lab	31.4244, 6.8926, 19.4843

Details

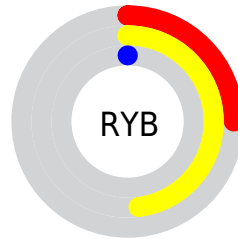
The XYZ color **10.8947, 9.8749, 1.3318** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.3408, 3.0609, 18.7742**, and the grayscale version is **8.3860, 8.8227, 9.6079**.

A 20% lighter version of the original color is **27.1303, 25.5601, 7.1181**, and **3.0148, 2.4907, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **10.8949, 9.8753, 1.3319**, and if you desaturate by 10%, it is **11.2797, 10.5368, 1.7937**.

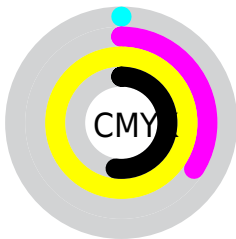
Distribution



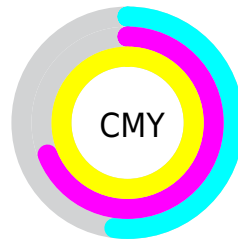
- Red (48%)
- Green (31%)
- Blue (0%)



- Red (25%)
- Yellow (48%)
- Blue (0%)



- Cyan (0%)
- Magenta (34%)
- Yellow (100%)
- Black (52%)



- Cyan (52%)
- Magenta (69%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8947, 9.8749, 1.3318 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 10.8947, 9.8749, 1.3318 by changing the saturation by 10% instead.

10.8947, 9.8749,
1.3318

10.8947, 9.8749,
1.3318

190.8669,
189.7769, 110.9432

6.0628, 5.3161,
0.0876

27.1000, 25.5599,
7.1169

2.9244, 2.4339,
0.0000

39.2041, 37.4550,
12.7338

1.1139, 0.8432,
0.0000

54.4630, 52.5642,
20.7249

0.0367, 0.0000,
0.0000

73.2421, 71.2719,
31.5088

0.0000, 0.0000,
0.0000

95.9066, 93.9627,
45.5040


122.8221,


121.0209, 63.1291


 154.3537,
152.8308, 84.8027


 10.8947, 9.8749,
1.3318


 10.8947, 9.8749,
1.3318


 10.8949, 9.8753,
1.3319

 11.2797, 10.5368,
1.7937

 11.7180, 11.2510,
2.4403

 12.2333, 12.0278,
3.3945

 12.8326, 12.8705,
4.6918

 13.5222, 13.7822,
6.3627

■ 14.3074, 14.7655,
8.4344

■ 15.1932, 15.8229,
10.9316

■ 16.1842, 16.9567,
13.8769

■ 17.2847, 18.1690,
17.2913

Harmonies

Analogous

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



14.0681, 9.8749, 2.6803



10.8947, 9.8749, 1.3318



7.8911, 9.8749, 1.3601

Triad

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



10.8947, 9.8749, 1.3318



4.8199, 9.8749, 15.9487



14.2098, 9.8749, 27.1100

Complementary

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



10.8947, 9.8749, 1.3318



4.3408, 3.0609, 18.7742

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.



11.0582, 9.8749, 36.1443



10.8947, 9.8749, 1.3318



5.8782, 9.8749, 27.6863

Square

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



10.8947, 9.8749, 1.3318



4.7946, 9.8749, 7.1447



8.0231, 9.8749, 36.3986



16.2433, 9.8749, 15.4061

Rectangle

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



10.8947, 9.8749, 1.3318



6.3760, 9.8749, 2.0985



8.0231, 9.8749, 36.3986



13.2191, 9.8749, 30.7825

Sweetspot

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



10.8949, 9.8754, 1.3320



26.6106, 27.6982, 18.8876



8.4566, 4.3098, 2.6430



5.9610, 6.1874, 3.9651



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.



10.8949, 9.8754, 1.3320



19.0380, 17.1148, 2.3001



12.6336, 16.8441, 2.5854



4.1971, 4.4126, 4.2550



11.4627, 10.3814, 1.3997



53.8622, 47.8878, 6.4044

Inverse Universe

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



4.3408, 3.0609, 18.7742



7.5191, 5.1500, 32.9907



3.7680, 1.5367, 18.5102



3.9000, 4.0983, 5.0287



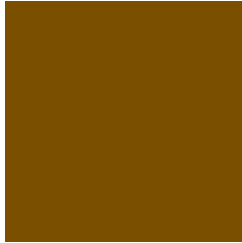
4.5628, 3.2080, 19.7640



21.0424, 13.8574, 94.0355

Previews

White Background



This preview shows how the XYZ color 10.8947, 9.8749, 1.3318 looks on a white background.

Color Contrast Check

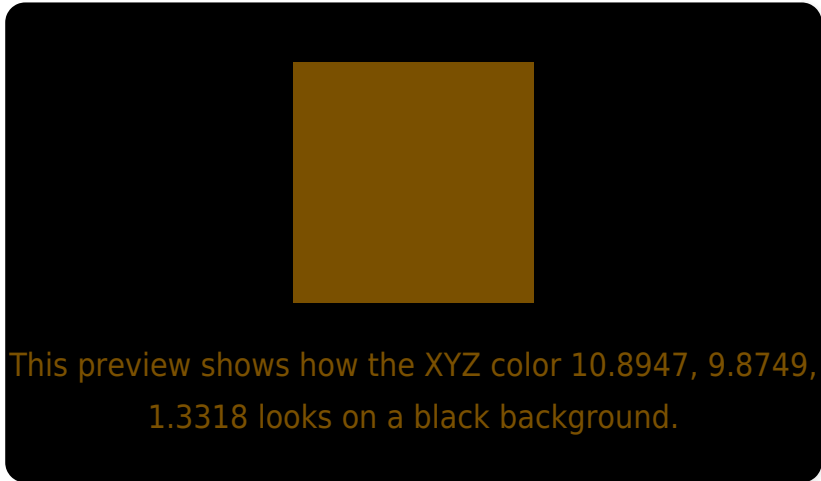
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8947, 9.8749, 1.3318

Background



This preview shows how black text looks on a background with the XYZ color 10.8947, 9.8749, 1.3318.



This preview shows how white text looks on a background with the XYZ color 10.8947, 9.8749,

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

10.8947, 9.8749, 1.3318

Protanopia

8.9830, 9.9290, 1.6728

Deuteranopia

9.9804, 9.8514, 1.3755



Tritanopia

12.3542, 9.8367, 8.8370

Trichromacy



Original Color

10.8947, 9.8749, 1.3318

Protanomaly

9.6619, 9.9177, 1.5487

Deuteranomaly

10.2957, 9.8995, 1.3682

Tritanomaly

11.4942, 9.6930, 4.3971

Monochromacy



Original Color

10.8947, 9.8749, 1.3318

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

8.5897, 8.8330, 4.6204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8947, 9.8749, 1.3318 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, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(122, 80, 0)  
}
```

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, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 80, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.8947, 9.8749, 1.3318 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, 80, 0) }
```


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

```
.border{ border-color:rgb(122, 80, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 80, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(122, 80, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.8947, 9.8749, 1.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 80, 0) }
```

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

```
.background{ background-color: rgb(122, 80,  
0) }
```

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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