

Converting Colors

XYZ(11.9511, 12.1551, 1.8160)

Have a look what the booklet for
XYZ(11.9511, 12.1551, 1.8160)
contains.

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Color

**XYZ(11.9043, 12.0769,
1.7898)**

Conversions

Conversions Part 1

Format	Color
Hex	795E03
RGB	121, 94, 3
RGB Percent	47%, 37%, 1%
CMY	0.5255, 0.6314, 0.9882
CMYK	0.00, 0.22, 0.98, 0.53
HSL	46°, 95%, 24%
HSV	46°, 98%, 47%
XYZ	11.9043, 12.0769, 1.7898
YIQ	91.6990, 45.3030, -22.5770

Conversions

Conversions Part 2

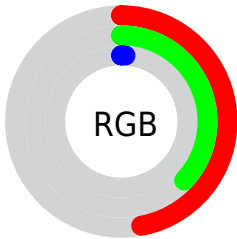
Format	Color
R_YB	38, 121, 3
Decimal	7953923
CIE Lab	41.34, 3.02, 48.01
CIE LCh	41, 48.101, 86.404
Yxy	12.0769, 0.4619, 0.4686
Android (android.graphics.Color)	4286144003 (0xFF795E03)
YUV	91.6990, -43.7286, 25.6970
Hunter-Lab	34.7518, 0.3298, 21.2727

Details

The XYZ color **11.9043, 12.0769, 1.7898** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.9531, 2.3285, 18.3302**, and the grayscale version is **10.1938, 10.7247, 11.6792**.

A 20% lighter version of the original color is **28.9203, 29.6199, 8.4679**, and **3.4408, 3.3428, 0.4639** is the 20% darker color. If you saturate the color by 10%, you get **11.8272, 11.9492, 1.6831**, and if you desaturate by 10%, it is **12.2257, 12.6070, 2.2449**.

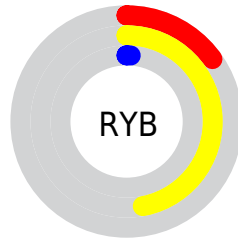
Distribution



Red (47%)

Green (37%)

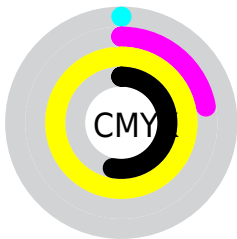
Blue (1%)



Red (15%)

Yellow (47%)

Blue (1%)

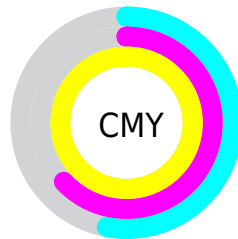


Cyan (0%)

Magenta (22%)

Yellow (98%)

Black (53%)



Cyan (53%)

Magenta (63%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9043, 12.0769, 1.7898 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 11.9043, 12.0769, 1.7898 by changing the saturation by 10% instead.

■ 11.9043, 12.0769,
1.7898

■ 11.9043, 12.0769,
1.7898

■ 197.5536,
204.9137, 119.0224

■ 6.7503, 6.7961,
0.4212

■ 28.9391, 29.6351,
8.4577

■ 3.3514, 3.3349,
0.0000

■ 41.5505, 42.6812,
14.6897

■ 1.3422, 1.3090,
0.0000

■ 57.3785, 59.0846,
23.4118

■ 0.2145, 0.1481,
0.0000


■ 76.7883, 79.2296,
35.0425


■ 0.0000, 0.0000,
0.0000


■ 100.1454,
103.5006, 50.0004


■ 127.8151,


132.2821, 68.7040


 160.1627,
165.9583, 91.5718


 11.9043, 12.0769,
1.7898


 11.9043, 12.0769,
1.7898


 11.8272, 11.9492,
1.6831

 12.2257, 12.6070,
2.2449

 12.5985, 13.1714,
2.9277

 13.0381, 13.7769,
3.9181

 13.5510, 14.4263,
5.2493

 14.1427, 15.1220,
6.9503

■ 14.8183, 15.8660,
9.0470

■ 15.5822, 16.6603,
11.5630

■ 16.4387, 17.5067,
14.5198

■ 17.3916, 18.4070,
17.9376

Harmonies

Analogous

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



15.6010, 12.0769, 2.7659



11.9043, 12.0769, 1.7898



8.7488, 12.0769, 2.3616

Triad

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



11.9043, 12.0769, 1.7898



6.4614, 12.0769, 23.6654



18.0153, 12.0769, 26.8870

Complementary

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



11.9043, 12.0769, 1.7898



3.9531, 2.3285, 18.3302

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.



14.7245, 12.0769, 38.9228



11.9043, 12.0769, 1.7898



8.1552, 12.0769, 36.4930

Square

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



11.9043, 12.0769, 1.7898



6.0049, 12.0769, 11.9820



11.0634, 12.0769, 43.1148



19.5511, 12.0769, 14.3909

Rectangle

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



11.9043, 12.0769, 1.7898



7.2769, 12.0769, 3.8580



11.0634, 12.0769, 43.1148



17.0488, 12.0769, 31.3234

Sweetspot

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



11.9046, 12.0775, 1.7900



27.5877, 29.5124, 19.6450



8.1590, 4.2267, 1.6504



6.1988, 6.6352, 4.1304



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.



11.9046, 12.0775, 1.7900



21.0709, 21.1806, 2.9777



11.0251, 15.8316, 2.5610



4.2337, 4.4858, 4.2672



12.6662, 12.7882, 1.8008



59.7540, 59.6715, 8.3684

Inverse Universe

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



3.9531, 2.3285, 18.3302



6.8163, 3.7443, 32.7564



4.1591, 1.7938, 18.2161



3.8652, 4.0287, 5.0171



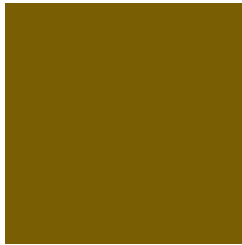
4.1278, 2.3380, 19.6190



19.1430, 10.0587, 93.4024

Previews

White Background



This preview shows how the XYZ color 11.9043, 12.0769, 1.7898 looks on a white background.

Color Contrast Check

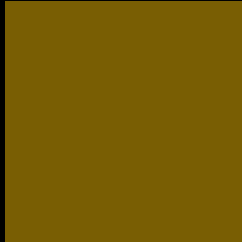
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 11.9043, 12.0769, 1.7898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

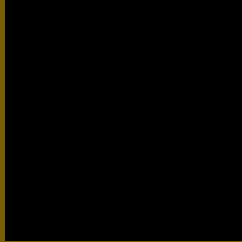
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.9043, 12.0769, 1.7898

Background



This preview shows how black text looks on a background with the XYZ color 11.9043, 12.0769, 1.7898.



This preview shows how white text looks on a background with the XYZ color 11.9043, 12.0769,

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

11.9043, 12.0769, 1.7898

Protanopia

10.8364, 12.0657, 1.9588

Deuteranopia

12.2649, 12.1291, 1.8957



Tritanopia

14.0328, 12.0602, 12.1779

Trichromacy



Original Color

11.9043, 12.0769, 1.7898

Protanomaly

11.2470, 12.1399, 1.9228

Deuteranomaly

12.1156, 12.0528, 1.8602

Tritanomaly

12.8106, 11.9343, 6.0432

Monochromacy



Original Color

11.9043, 12.0769, 1.7898

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.3235, 11.0385, 5.8615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9043, 12.0769, 1.7898 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, 94, 3)` looks like.

```
.text, #text, p{  
    color:rgb(121, 94, 3)  
}
```

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, 94, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 94, 3) }
```

Border

The CSS property to change the border of an element to XYZ 11.9043, 12.0769, 1.7898 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, 94, 3) }
```


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

```
.border{ border-color:rgb(121, 94, 3) }
```

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

Here you see how a box with a 4 pixel rgb(121, 94, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 94, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 94, 3);  
box-shadow:4px 4px 4px 4px rgb(121, 94, 3)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.9043, 12.0769, 1.7898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 94, 3) }
```

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

```
.background{ background-color: rgb(121, 94,  
3) }
```

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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