

Converting Colors

XYZ(14.1973, 10.2643, 1.2334)

Have a look what the booklet for
XYZ(14.1973, 10.2643, 1.2334)
contains.

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Color

**XYZ(14.2199, 10.3102,
1.2406)**

Conversions

Conversions Part 1

Format	Color
Hex	944300
RGB	148, 67, 0
RGB Percent	58%, 26%, 0%
CMY	0.4196, 0.7372, 1.0000
CMYK	0.00, 0.55, 1.00, 0.42
HSL	27°, 100%, 29%
HSV	27°, 100%, 58%
XYZ	14.2199, 10.3102, 1.2406
YIQ	83.5810, 69.7830, -3.6650

Conversions

Conversions Part 2

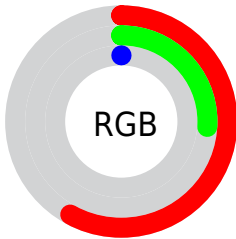
Format	Color
R_{YB}	148, 122, 0
Decimal	9716480
CIE _{Lab}	38.39, 30.98, 48.78
CIE _{LCh}	38, 57.784, 57.580
Yxy	10.3102, 0.5518, 0.4001
Android (android.graphics.Color)	4287906560 (0xFF944300)
YUV	83.5810, -41.2054, 56.4955
Hunter-Lab	32.1095, 22.8583, 20.1859

Details

The XYZ color **14.2199, 10.3102, 1.2406** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.2875, 8.0225, 29.1285**, and the grayscale version is **8.4129, 8.8511, 9.6388**.

A 20% lighter version of the original color is **33.0396, 26.3988, 6.8441**, and **4.4493, 2.6394, 0.2750** is the 20% darker color. If you saturate the color by 10%, you get **14.2200, 10.3106, 1.2407**, and if you desaturate by 10%, it is **14.8207, 11.3761, 1.8593**.

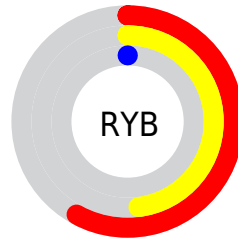
Distribution



Red (58%)

Green (26%)

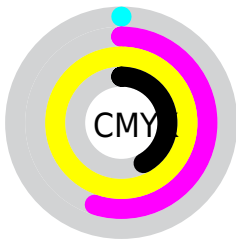
Blue (0%)



Red (58%)

Yellow (48%)

Blue (0%)

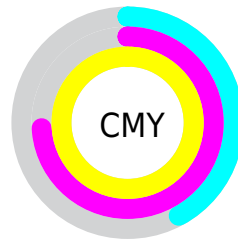


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2199, 10.3102, 1.2406 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 14.2199, 10.3102, 1.2406 by changing the saturation by 10% instead.

■ 14.2199, 10.3102,
1.2406

■ 14.2199, 10.3102,
1.2406

■ 212.0779,
192.8719, 109.1719

■ 8.3565, 5.6051,
0.0124

■ 33.0617, 26.3773,
6.8353

■ 4.3776, 2.6065,
0.0000

■ 46.7708, 38.5082,
12.3178

■ 1.9179, 0.9299,
0.0000

■ 63.8259, 53.8831,
20.1484

■ 0.5872, 0.0000,
0.0000


■ 84.5923, 72.8864,
30.7456


■ 0.0000, 0.0000,
0.0000


■ 109.4353, 95.9025,
44.5280


■ 138.7204,


123.3159, 61.9142


 172.8128,
155.5109, 83.3226


 14.2199, 10.3102,
1.2406


 14.2199, 10.3102,
1.2406


 14.2200, 10.3106,
1.2407

 14.8207, 11.3761,
1.8593

 15.5509, 12.6054,
2.8153

 16.4420, 14.0150,
4.2613

 17.5075, 15.6140,
6.2563

 18.7591, 17.4109,
8.8509

■ 20.2072, 19.4132,
12.0898

■ 21.8616, 21.6280,
16.0134

■ 23.7310, 24.0623,
20.6589

■ 25.8240, 26.7223,
26.0605

Harmonies

Analogous

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



17.7269, 10.3102, 4.0988



14.2199, 10.3102, 1.2406



10.1087, 10.3102, 0.5917

Triad

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



14.2199, 10.3102, 1.2406



4.1967, 10.3102, 10.3725



13.5515, 10.3102, 41.4923

Complementary

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



14.2199, 10.3102, 1.2406



8.2875, 8.0225, 29.1285

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.



9.4968, 10.3102, 47.3400



14.2199, 10.3102, 1.2406



4.6781, 10.3102, 23.8347

Square

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



14.2199, 10.3102, 1.2406



4.8675, 10.3102, 3.3714



6.4057, 10.3102, 39.4329



17.2765, 10.3102, 26.4305

Rectangle

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



14.2199, 10.3102, 1.2406



7.7700, 10.3102, 0.7768



6.4057, 10.3102, 39.4329



12.1549, 10.3102, 44.9018

Sweetspot

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



14.2201, 10.3108, 1.2408



38.3880, 37.9163, 27.8039



13.7130, 6.8960, 8.4720



8.4999, 8.3055, 5.7149



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.2201, 10.3108, 1.2408



24.9234, 17.8581, 2.1333



21.6786, 25.2278, 3.7269



6.0041, 6.2220, 6.1250



12.1729, 8.8601, 1.0686



0.1778, 0.1661, 0.0227

Inverse Universe

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



8.2875, 8.0225, 29.1285



14.4491, 13.8078, 51.3382



5.4256, 2.2988, 28.1745



5.7467, 6.1274, 7.3496



7.1063, 6.9073, 24.8897



0.1165, 0.1435, 0.3145

Previews

White Background



This preview shows how the XYZ color 14.2199, 10.3102, 1.2406 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



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 14.2199, 10.3102, 1.2406

Background



This preview shows how black text looks on a background with the XYZ color 14.2199, 10.3102, 1.2406.



This preview shows how white text looks on a background with the XYZ color 14.2199, 10.3102,

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

14.2199, 10.3102, 1.2406

Protanopia

9.4999, 10.5696, 1.9549

Deuteranopia

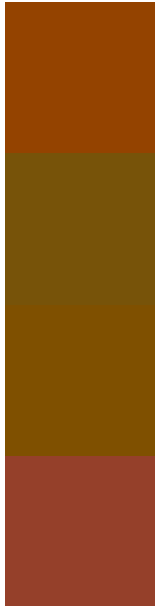
10.4784, 10.4612, 1.4669



Tritanopia

15.2837, 10.3226, 6.3412

Trichromacy



Original Color

14.2199, 10.3102, 1.2406

Protanomaly

10.7503, 10.1282, 1.6468

Deuteranomaly

11.6211, 10.2493, 1.3658

Tritanomaly

14.6457, 10.2235, 3.3919

Monochromacy



Original Color

14.2199, 10.3102, 1.2406

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

9.4304, 8.8316, 4.5758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2199, 10.3102, 1.2406 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(148, 67, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 67, 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(148, 67, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 67, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.2199, 10.3102, 1.2406 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(148, 67, 0) }
```


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

```
.border{ border-color:rgb(148, 67, 0) }
```

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

Here you see how a box with a 4 pixel rgb(148, 67, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 67, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 67, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 67, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.2199, 10.3102, 1.2406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 67, 0) }
```

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

```
.background{ background-color: rgb(148, 67,  
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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