

Converting Colors

XYZ(14.4018, 9.3023, 1.0365)

Have a look what the booklet for
XYZ(14.4018, 9.3023, 1.0365)
contains.

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Color

**XYZ(14.4100, 9.3185,
1.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	993500
RGB	153, 53, 0
RGB Percent	60%, 21%, 0%
CMY	0.4000, 0.7921, 1.0000
CMYK	0.00, 0.65, 1.00, 0.40
HSL	21°, 100%, 30%
HSV	21°, 100%, 60%
XYZ	14.4100, 9.3185, 1.0392
YIQ	76.8580, 76.6130, 4.7170

Conversions

Conversions Part 2

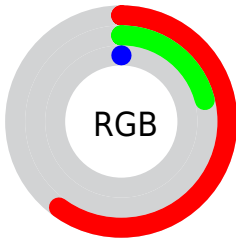
Format	Color
R_{YB}	153, 81, 0
Decimal	10040576
CIE Lab	36.59, 39.93, 48.25
CIE LCh	37, 62.628, 50.391
Yxy	9.3185, 0.5818, 0.3762
Android (android.graphics.Color)	4288230656 (0xFF993500)
YUV	76.8580, -37.8910, 66.7765
Hunter-Lab	30.5262, 30.8406, 19.3500

Details

The XYZ color **14.4100, 9.3185, 1.0392** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **10.3066, 11.4136, 31.7967**, and the grayscale version is **7.0864, 7.4554, 8.1190**.

A 20% lighter version of the original color is **33.3017, 24.4447, 6.2119**, and **4.5142, 2.3272, 0.2113** is the 20% darker color. If you saturate the color by 10%, you get **14.4101, 9.3188, 1.0392**, and if you desaturate by 10%, it is **15.0030, 10.3633, 1.6729**.

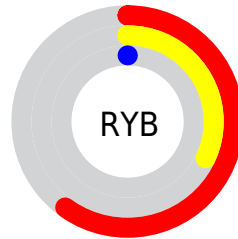
Distribution



Red (60%)

Green (21%)

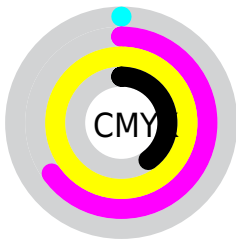
Blue (0%)



Red (60%)

Yellow (32%)

Blue (0%)

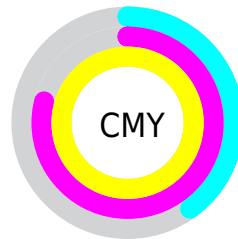


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (79%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4100, 9.3185, 1.0392 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 14.4100, 9.3185, 1.0392 by changing the saturation by 10% instead.


 14.4100, 9.3185,
1.0392


 14.4100, 9.3185,
1.0392


 213.2267,
185.7364, 105.0040


 8.4900, 4.9495,
0.0000


 33.3950, 24.5055,
6.1910


 4.4645, 2.2177,
0.0000

 47.1907, 36.0923,
11.3580


 1.9681, 0.7296,
0.0000

 64.3423, 50.8539,
18.8105

 0.6160, 0.0000,
0.0000


 85.2152, 69.1746,
28.9670


 0.0000, 0.0000,
0.0000


 110.1747, 91.4388,
42.2461


 139.5862,


118.0309, 59.0663


 173.8151,
149.3353, 79.8461


 14.4100, 9.3185,
1.0392


 14.4100, 9.3185,
1.0392


 14.4101, 9.3188,
1.0392

 15.0030, 10.3633,
1.6729

 15.7618, 11.6349,
2.6841

 16.7217, 13.1560,
4.2328

 17.8993, 14.9409,
6.3841

 19.3095, 17.0024,
9.1936

■ 20.9655, 19.3526,
12.7105

■ 22.8794, 22.0026,
16.9794

■ 25.0626, 24.9632,
22.0410

■ 27.5255, 28.2442,
27.9330

Harmonies

Analogous

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



17.6738, 9.3185, 4.4425



14.4100, 9.3185, 1.0392



10.1398, 9.3185, 0.0935

Triad

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



14.4100, 9.3185, 1.0392



3.4116, 9.3185, 7.0258



11.6688, 9.3185, 45.3649

Complementary

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



14.4100, 9.3185, 1.0392



10.3066, 11.4136, 31.7967

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.



7.6872, 9.3185, 48.1967



14.4100, 9.3185, 1.0392



3.6041, 9.3185, 19.3758

Square

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



14.4100, 9.3185, 1.0392



4.3197, 9.3185, 1.7785



4.9527, 9.3185, 36.4912



15.8017, 9.3185, 30.3190

Rectangle

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



14.4100, 9.3185, 1.0392



7.5978, 9.3185, 0.1039



4.9527, 9.3185, 36.4912



10.2481, 9.3185, 48.0561

Sweetspot

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



14.4102, 9.3190, 1.0393



40.7575, 39.1068, 29.9145



15.5351, 7.7317, 13.2442



8.6983, 8.2201, 5.9263



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.4102, 9.3190, 1.0393



25.6490, 16.3731, 1.8085



20.7910, 22.0806, 3.1663



6.3751, 6.5552, 6.5351



11.9385, 7.7594, 0.8685



0.2103, 0.1796, 0.0236

Inverse Universe

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



10.3066, 11.4136, 31.7967



18.2791, 20.0827, 56.8849



6.1083, 3.0169, 30.3972



6.2043, 6.6660, 7.8886



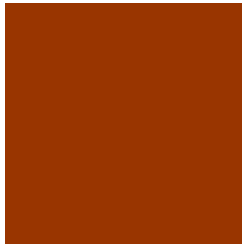
8.5501, 9.4968, 26.2901



0.1615, 0.2093, 0.4043

Previews

White Background



This preview shows how the XYZ color 14.4100, 9.3185, 1.0392 looks on a white background.

Color Contrast Check

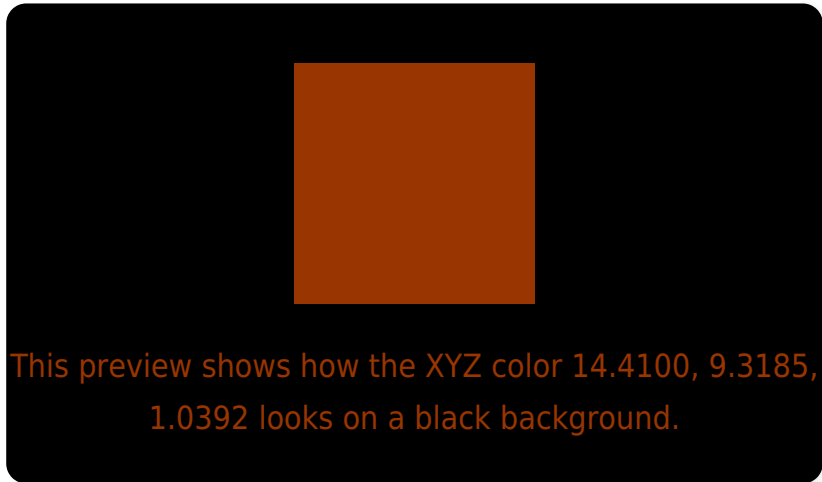
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4100, 9.3185, 1.0392

Background



This preview shows how black text looks on a background with the XYZ color 14.4100, 9.3185, 1.0392.



This preview shows how white text looks on a background with the XYZ color 14.4100, 9.3185,

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

14.4100, 9.3185, 1.0392

Protanopia

8.5387, 9.4505, 1.8643

Deuteranopia

9.5237, 9.5015, 1.3320



Tritanopia

15.0446, 9.3146, 4.2538

Trichromacy



Original Color

14.4100, 9.3185, 1.0392

Protanomaly

10.0421, 8.9056, 1.4768

Deuteranomaly

10.9215, 9.0703, 1.1751

Tritanomaly

14.7415, 9.2610, 2.4494

Monochromacy



Original Color

14.4100, 9.3185, 1.0392

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

8.4472, 7.3593, 3.8810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4100, 9.3185, 1.0392 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(153, 53, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 53, 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(153, 53, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 53, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.4100, 9.3185, 1.0392 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(153, 53, 0) }
```


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

```
.border{ border-color:rgb(153, 53, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 53, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 53, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 53, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 53, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.4100, 9.3185, 1.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 53, 0) }
```

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

```
.background{ background-color: rgb(153, 53,  
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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