

Converting Colors

XYZ(14.5267, 10.1590, 1.1953)

Have a look what the booklet for
XYZ(14.5267, 10.1590, 1.1953)
contains.

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Color

**XYZ(14.5400, 10.1343,
1.1898)**

Conversions

Conversions Part 1

Format	Color
Hex	973F00
RGB	151, 63, 0
RGB Percent	59%, 25%, 0%
CMY	0.4078, 0.7529, 1.0000
CMYK	0.00, 0.58, 1.00, 0.41
HSL	25°, 100%, 30%
HSV	25°, 100%, 59%
XYZ	14.5400, 10.1343, 1.1898
YIQ	82.1300, 72.6710, -0.9370

Conversions

Conversions Part 2

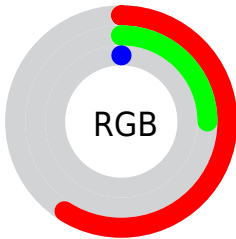
Format	Color
R_{YB}	151, 108, 0
Decimal	9912064
CIE _{Lab}	38.08, 34.30, 48.86
CIE _{LCh}	38, 59.699, 54.936
Yxy	10.1343, 0.5622, 0.3918
Android (android.graphics.Color)	4288102144 (0xFF973F00)
YUV	82.1300, -40.4901, 60.3990
Hunter-Lab	31.8344, 25.8176, 20.0681

Details

The XYZ color **14.5400, 10.1343, 1.1898** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **9.0754, 9.2134, 30.5780**, and the grayscale version is **8.1152, 8.5378, 9.2977**.

A 20% lighter version of the original color is **33.6991, 26.0643, 6.6229**, and **4.5451, 2.5383, 0.2504** is the 20% darker color. If you saturate the color by 10%, you get **14.5401, 10.1347, 1.1898**, and if you desaturate by 10%, it is **15.1541, 11.2236, 1.8235**.

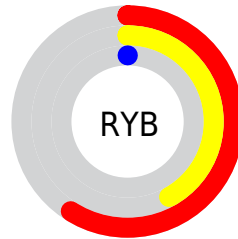
Distribution



Red (59%)

Green (25%)

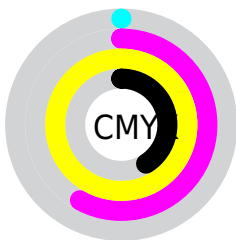
Blue (0%)



Red (59%)

Yellow (42%)

Blue (0%)

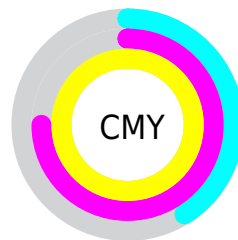


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (41%)



Cyan (41%)


Magenta (75%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5400, 10.1343, 1.1898 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 14.5400, 10.1343, 1.1898 by changing the saturation by 10% instead.


 14.5400, 10.1343,
1.1898


 14.5400, 10.1343,
1.1898


 214.0089,
191.6279, 108.1559


 8.5814, 5.4881,
0.0000


 33.6225, 26.0478,
6.6759


 4.5241, 2.5364,
0.0000

 47.4771, 38.0839,
12.0814

 2.0027, 0.8948,
0.0000

 64.6944, 53.3521,
19.8198

 0.6355, 0.0000,
0.0000

 85.6397, 72.2367,
30.3098


 0.0000, 0.0000,
0.0000


 110.6785, 95.1222,
43.9699


 140.1760,


122.3930, 61.2186


 174.4977,
154.4334, 82.4744


 14.5400, 10.1343,
1.1898


 14.5400, 10.1343,
1.1898


 14.5401, 10.1347,
1.1898

 15.1541, 11.2236,
1.8235

 15.9125, 12.5003,
2.8161

 16.8480, 13.9833,
4.3244

 17.9755, 15.6833,
6.4108

 19.3077, 17.6103,
9.1287

■ 20.8563, 19.7732,
12.5253

■ 22.6319, 22.1805,
16.6432

■ 24.6442, 24.8403,
21.5216

■ 26.9025, 27.7602,
27.1967

Harmonies

Analogous

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



18.0218, 10.1343, 4.2940



14.5400, 10.1343, 1.1898



10.3005, 10.1343, 0.4330

Triad

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



14.5400, 10.1343, 1.1898



3.9814, 10.1343, 9.2674



13.1013, 10.1343, 43.5694

Complementary

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



14.5400, 10.1343, 1.1898



9.0754, 9.2134, 30.5780

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.



8.9937, 10.1343, 48.4713



14.5400, 10.1343, 1.1898



4.3595, 10.1343, 22.5988

Square

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



14.5400, 10.1343, 1.1898



4.7561, 10.1343, 2.7880



5.9757, 10.1343, 39.0607



17.0480, 10.1343, 28.2380

Rectangle

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



14.5400, 10.1343, 1.1898



7.8481, 10.1343, 0.5577



5.9757, 10.1343, 39.0607



11.6683, 10.1343, 46.7925

Sweetspot

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



14.5402, 10.1349, 1.1900



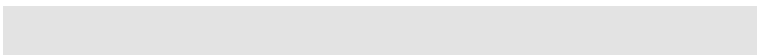
40.3278, 39.4504, 29.3238



14.5274, 7.2853, 9.8914



8.8765, 8.5767, 5.9858



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.



14.5402, 10.1349, 1.1900



25.8678, 17.8061, 2.0735



21.9108, 24.8759, 3.6468



6.4100, 6.6250, 6.5468



12.3967, 8.6758, 1.0212



0.2201, 0.1992, 0.0268

Inverse Universe

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



9.0754, 9.2134, 30.5780



16.0690, 16.1321, 54.7005



5.7246, 2.5118, 29.4610



6.1684, 6.5942, 7.8767



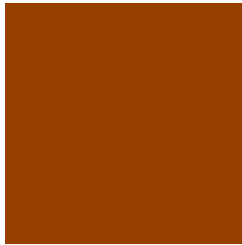
7.7492, 7.8950, 26.0232



0.1517, 0.1897, 0.4010

Previews

White Background



This preview shows how the XYZ color 14.5400, 10.1343, 1.1898 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 14.5400, 10.1343, 1.1898

Background



This preview shows how black text looks on a background with the XYZ color 14.5400, 10.1343, 1.1898.



This preview shows how white text looks on a background with the XYZ color 14.5400, 10.1343,

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

14.5400, 10.1343, 1.1898

Protanopia

9.3068, 10.3414, 1.9575

Tritanopia

15.5703, 10.2480, 5.7148

Trichromacy



Original Color

14.5400, 10.1343, 1.1898

Protanomaly

10.7429, 9.8998, 1.6318

Tritanomaly

14.9310, 10.0536, 3.0730

Monochromacy



Original Color

14.5400, 10.1343, 1.1898

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

9.1993, 8.4059, 4.3865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5400, 10.1343, 1.1898 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(151, 63, 0)` looks like.

```
.text, #text, p{  
    color:rgb(151, 63, 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(151, 63, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 63, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.5400, 10.1343, 1.1898 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(151, 63, 0) }
```

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

```
.border{ border-color:rgb(151, 63, 0) }
```

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

Here you see how a box with a 4 pixel rgb(151, 63, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 63, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 63, 0);  
box-shadow:4px 4px 4px 4px rgb(151, 63, 0)  
}
```


Background

The CSS property to change the background color of an element to XYZ 14.5400, 10.1343, 1.1898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 63, 0) }
```

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

```
.background{ background-color: rgb(151, 63,  
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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