

Converting Colors

XYZ(14.1572, 9.5200, 1.0914)

Have a look what the booklet for
XYZ(14.1572, 9.5200, 1.0914)
contains.

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Color

**XYZ(14.0907, 9.5101,
1.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	963A00
RGB	150, 58, 0
RGB Percent	59%, 23%, 0%
CMY	0.4118, 0.7725, 1.0000
CMYK	0.00, 0.61, 1.00, 0.41
HSL	23°, 100%, 29%
HSV	23°, 100%, 59%
XYZ	14.0907, 9.5101, 1.0930
YIQ	78.8960, 73.4500, 1.4660

Conversions

Conversions Part 2

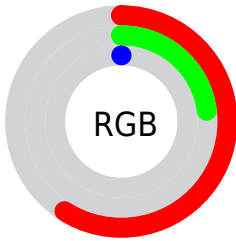
Format	Color
R_{YB}	150, 95, 0
Decimal	9845248
CIE _{Lab}	36.95, 36.40, 48.15
CIE _{LCh}	37, 60.359, 52.909
Yxy	9.5101, 0.5706, 0.3851
Android (android.graphics.Color)	4288035328 (0xFF963A00)
YUV	78.8960, -38.8957, 62.3582
Hunter-Lab	30.8385, 27.5929, 19.4855

Details

The XYZ color **14.0907, 9.5101, 1.0930** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **9.3319, 9.8557, 30.2644**, and the grayscale version is **7.4746, 7.8639, 8.5638**.

A 20% lighter version of the original color is **32.8464, 24.8219, 6.3087**, and **4.3578, 2.3110, 0.2164** is the 20% darker color. If you saturate the color by 10%, you get **14.0908, 9.5105, 1.0930**, and if you desaturate by 10%, it is **14.6832, 10.5572, 1.7159**.

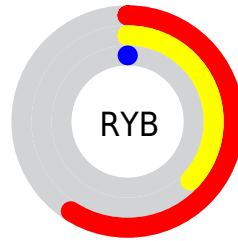
Distribution



Red (59%)

Green (23%)

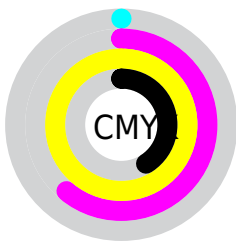
Blue (0%)



Red (59%)

Yellow (37%)

Blue (0%)

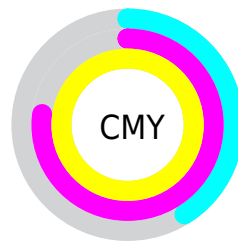


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (41%)



Cyan (41%)


Magenta (77%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0907, 9.5101, 1.0930 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 14.0907, 9.5101, 1.0930 by changing the saturation by 10% instead.


 14.0907, 9.5101,
1.0930


 14.0907, 9.5101,
1.0930


 211.2937,
187.1389, 106.1558


 8.2659, 5.0754,
0.0000


 32.8348, 24.8699,
6.3665


 4.3188, 2.2916,
0.0000

 46.4848, 36.5637,
11.6205


 1.8840, 0.7692,
0.0000

 63.4739, 51.4461,
19.1776

 0.5675, 0.0000,
0.0000


 84.1675, 69.9013,
29.4561


 0.0000, 0.0000,
0.0000

 108.9309, 92.3138,
42.8746


 138.1295,


119.0680, 59.8517


 172.1287,
150.5482, 80.8059


 14.0907, 9.5101,
1.0930


 14.0907, 9.5101,
1.0930


 14.0908, 9.5105,
1.0930

 14.6832, 10.5572,
1.7159

 15.4243, 11.8025,
2.6937

 16.3475, 13.2660,
4.1819

 17.4678, 14.9594,
6.2421

 18.7983, 16.8933,
8.9271

■ 20.3509, 19.0778,
12.2832

■ 22.1365, 21.5221,
16.3527

■ 24.1653, 24.2349,
21.1743

■ 26.4465, 27.2246,
26.7836

Harmonies

Analogous

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



17.3850, 9.5101, 4.2409



14.0907, 9.5101, 1.0930



9.9536, 9.5101, 0.2662

Triad

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



14.0907, 9.5101, 1.0930



3.6266, 9.5101, 8.0207



12.1280, 9.5101, 43.1352

Complementary

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



14.0907, 9.5101, 1.0930



9.3319, 9.8557, 30.2644

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.



8.1823, 9.5101, 47.0345



14.0907, 9.5101, 1.0930



3.9117, 9.5101, 20.5843

Square

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



14.0907, 9.5101, 1.0930



4.4404, 9.5101, 2.2507



5.3671, 9.5101, 36.8982



16.0514, 9.5101, 28.3373

Rectangle

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



14.0907, 9.5101, 1.0930



7.5297, 9.5101, 0.3405



5.3671, 9.5101, 36.8982



10.7377, 9.5101, 46.0487

Sweetspot

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



14.0909, 9.5106, 1.0932



38.8678, 37.7131, 28.3969



14.5313, 7.2655, 10.8769



8.3396, 7.9849, 5.6614



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.



14.0909, 9.5106, 1.0932



24.7089, 16.4671, 1.8762



20.8968, 23.1224, 3.3618



5.9737, 6.1612, 6.1148



11.7161, 7.9466, 0.9163



0.1705, 0.1514, 0.0202

Inverse Universe

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



9.3319, 9.8557, 30.2644



16.2952, 17.0461, 53.3526



5.7133, 2.6187, 29.0582



5.7777, 6.1893, 7.3599



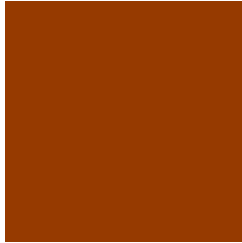
7.7713, 8.2374, 25.1114



0.1238, 0.1582, 0.3169

Previews

White Background



This preview shows how the XYZ color 14.0907, 9.5101, 1.0930 looks on a white background.

Color Contrast Check

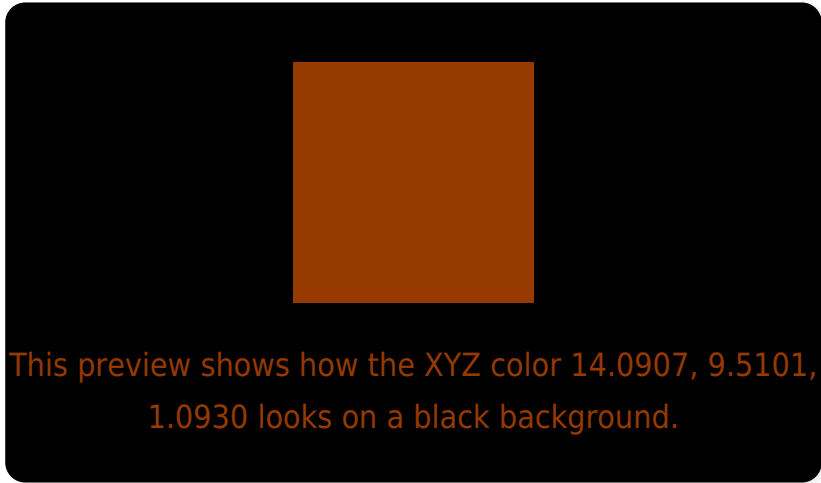
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0907, 9.5101, 1.0930

Background



This preview shows how black text looks on a background with the XYZ color 14.0907, 9.5101, 1.0930.



This preview shows how white text looks on a background with the XYZ color 14.0907, 9.5101,

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

14.0907, 9.5101, 1.0930

Protanopia

8.7215, 9.6666, 1.8581

Deuteranopia

9.7259, 9.7202, 1.3636



Tritanopia

14.8202, 9.5131, 4.9260

Trichromacy



Original Color

14.0907, 9.5101, 1.0930

Protanomaly

10.1799, 9.1812, 1.5228

Deuteranomaly

10.9735, 9.3921, 1.2345

Tritanomaly

14.4471, 9.4391, 2.7295

Monochromacy



Original Color

14.0907, 9.5101, 1.0930

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

8.6547, 7.7400, 4.0554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0907, 9.5101, 1.0930 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(150, 58, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 58, 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(150, 58, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 58, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.0907, 9.5101, 1.0930 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(150, 58, 0) }
```


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

```
.border{ border-color:rgb(150, 58, 0) }
```

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

Here you see how a box with a 4 pixel rgb(150, 58, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 58, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 58, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 58, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.0907, 9.5101, 1.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 58, 0) }
```

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

```
.background{ background-color: rgb(150, 58,  
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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