

Converting Colors

XYZ(14.3468, 9.0722, 0.0000)

Have a look what the booklet for
XYZ(14.3468, 9.0722, 0.0000)
contains.

XYZ(14.6159, 9.1652, 0.9987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.6159, 9.1652,
0.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	9B3100
RGB	155, 49, 0
RGB Percent	61%, 19%, 0%
CMY	0.3922, 0.8078, 1.0000
CMYK	0.00, 0.68, 1.00, 0.39
HSL	19°, 100%, 30%
HSV	19°, 100%, 61%
XYZ	14.6159, 9.1652, 0.9987
YIQ	75.1080, 78.9050, 7.2330

Conversions

Conversions Part 2

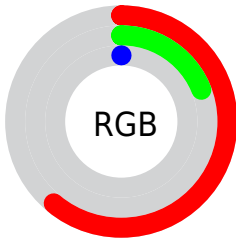
Format	Color
RYB	155, 72, 0
Decimal	10170624
CIELab	36.30, 42.44, 48.31
CIELCh	36, 64.304, 48.698
Yxy	9.1652, 0.5898, 0.3699
Android (android.graphics.Color)	4288360704 (0xFF9B3100)
YUV	75.1080, -37.0282, 70.0653
Hunter-Lab	30.2741, 33.1976, 19.2360

Details

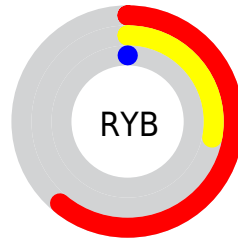
The XYZ color **14.6159, 9.1652, 0.9987** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.0697, 12.6732, 32.8729**, and the grayscale version is **6.7626, 7.1148, 7.7481**.

A 20% lighter version of the original color is **33.8665, 24.2981, 6.0370**, and **4.7193, 2.4329, 0.2209** is the 20% darker color. If you saturate the color by 10%, you get **14.6161, 9.1657, 0.9988**, and if you desaturate by 10%, it is **15.2026, 10.1951, 1.6375**.

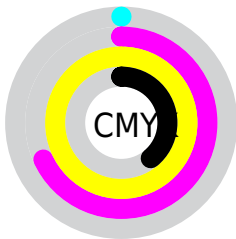
Distribution



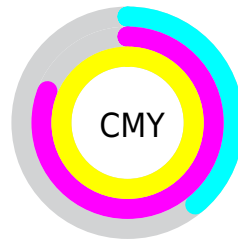
- Red (61%)
- Green (19%)
- Blue (0%)



- Red (61%)
- Yellow (28%)
- Blue (0%)



- Cyan (0%)
- Magenta (68%)
- Yellow (100%)
- Black (39%)





- Cyan (39%)
- Magenta (81%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6159, 9.1652, 0.9987 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 14.6159, 9.1652, 0.9987 by changing the saturation by 10% instead.


 14.6159, 9.1652,
0.9987


 14.6159, 9.1652,
0.9987


 214.4642,
184.6055, 104.1163


 8.6348, 4.8491,
0.0000


 33.7551, 24.2130,
6.0571


 4.5590, 2.1590,
0.0000

 47.6440, 35.7135,
11.1571


 2.0230, 0.6975,
0.0000

 64.8995, 50.3776,
18.5290

 0.6468, 0.0000,
0.0000

 85.8871, 68.5896,
28.5914


 0.0000, 0.0000,
0.0000


 110.9719, 90.7341,
41.7628


 140.5195,


117.1953, 58.4617


 174.8952,
148.3576, 79.1067


 14.6159, 9.1652,
0.9987


 14.6159, 9.1652,
0.9987


 14.6161, 9.1657,
0.9988

 15.2026, 10.1951,
1.6375

 15.9679, 11.4736,
2.6694

 16.9485, 13.0257,
4.2578

 18.1628, 14.8678,
6.4700

 19.6265, 17.0149,
9.3640

■ 21.3542, 19.4807,
12.9908

■ 23.3591, 22.2781,
17.3964

■ 25.6533, 25.4192,
22.6233

■ 28.2484, 28.9154,
28.7107

Harmonies

Analogous

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



17.8520, 9.1652, 4.5806



14.6159, 9.1652, 0.9987



10.2554, 9.1652, 0.0000

Triad

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



14.6159, 9.1652, 0.9987



3.2553, 9.1652, 6.3529



11.3262, 9.1652, 46.9373

Complementary

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



14.6159, 9.1652, 0.9987



11.0697, 12.6732, 32.8729

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.



7.3305, 9.1652, 48.9668



14.6159, 9.1652, 0.9987



3.3862, 9.1652, 18.5074

Square

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



14.6159, 9.1652, 0.9987



4.2254, 9.1652, 1.4800



4.6592, 9.1652, 36.1443



15.5972, 9.1652, 31.7433

Rectangle

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



14.6159, 9.1652, 0.9987



7.6318, 9.1652, 0.0000



4.6592, 9.1652, 36.1443



9.8879, 9.1652, 49.4549

Sweetspot

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



14.6161, 9.1657, 0.9988



41.6095, 39.5877, 30.6533



16.2510, 8.0619, 15.0269



9.0879, 8.5020, 6.2057



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.6161, 9.1657, 0.9988



26.0247, 16.1122, 1.7383



20.7251, 21.3838, 3.0352



6.3603, 6.5256, 6.5302



11.7709, 7.4242, 0.8126



0.2061, 0.1712, 0.0222

Inverse Universe

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



11.0697, 12.6732, 32.8729



19.6493, 22.3456, 58.8138



6.4064, 3.3466, 31.3184



6.2198, 6.6969, 7.8938



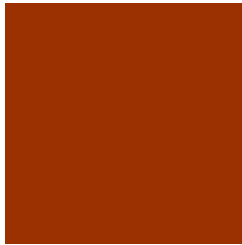
8.9265, 10.2496, 26.4156



0.1657, 0.2177, 0.4057

Previews

White Background



This preview shows how the XYZ color 14.6159, 9.1652, 0.9987 looks on a white background.

Color Contrast Check

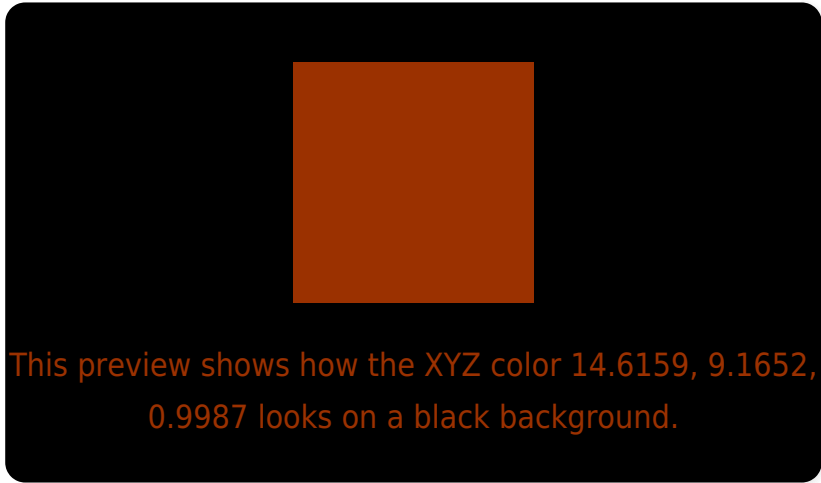
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6159, 9.1652, 0.9987

Background



This preview shows how black text looks on a background with the XYZ color 14.6159, 9.1652, 0.9987.



This preview shows how white text looks on a background with the XYZ color 14.6159, 9.1652,

0.9987.

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

14.6159, 9.1652, 0.9987

Protanopia

8.5464, 9.4535, 1.9046

Deuteranopia

9.3240, 9.2858, 1.3009



Tritanopia

15.2208, 9.2353, 3.7767

Trichromacy



Original Color

14.6159, 9.1652, 0.9987

Protanomaly

10.0507, 8.7112, 1.4683

Deuteranomaly

10.7943, 8.8159, 1.1327

Tritanomaly

14.9741, 9.1999, 2.2829

Monochromacy



Original Color

14.6159, 9.1652, 0.9987

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

8.1906, 7.0529, 3.7260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6159, 9.1652, 0.9987 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(155, 49, 0)` looks like.

```
.text, #text, p{  
    color:rgb(155, 49, 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(155, 49, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 49, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.6159, 9.1652, 0.9987 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(155, 49, 0) }
```


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

```
.border{ border-color:rgb(155, 49, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 49, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 49, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 49, 0);  
box-shadow:4px 4px 4px 4px rgb(155, 49, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.6159, 9.1652, 0.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 49, 0) }
```

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

```
.background{ background-color: rgb(155, 49,  
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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