

Converting Colors

XYZ(14.0725, 8.6436, 0.9267)

Have a look what the booklet for
XYZ(14.0725, 8.6436, 0.9267)
contains.

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Color

**XYZ(14.0753, 8.6491,
0.9276)**

Conversions

Conversions Part 1

Format	Color
Hex	992D00
RGB	153, 45, 0
RGB Percent	60%, 18%, 0%
CMY	0.4000, 0.8235, 1.0000
CMYK	0.00, 0.71, 1.00, 0.40
HSL	18°, 100%, 30%
HSV	18°, 100%, 60%
XYZ	14.0753, 8.6491, 0.9276
YIQ	72.1620, 78.8130, 8.9010

Conversions

Conversions Part 2

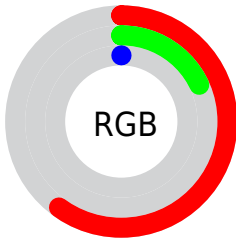
Format	Color
R _Y B	153, 64, 0
Decimal	10038528
CIE Lab	35.30, 43.41, 47.59
CIE LCh	35, 64.418, 47.631
Yxy	8.6491, 0.5951, 0.3657
Android (android.graphics.Color)	4288228608 (0xFF992D00)
YUV	72.1620, -35.5759, 70.8949
Hunter-Lab	29.4094, 33.9636, 18.7165

Details

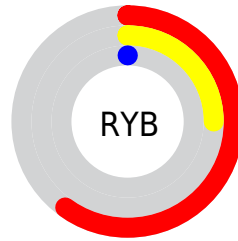
The XYZ color **14.0753, 8.6491, 0.9276** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.1117, 13.0237, 32.0650**, and the grayscale version is **6.2379, 6.5628, 7.1469**.

A 20% lighter version of the original color is **32.8747, 23.2268, 5.7681**, and **4.5142, 2.3272, 0.2113** is the 20% darker color. If you saturate the color by 10%, you get **14.0754, 8.6495, 0.9277**, and if you desaturate by 10%, it is **14.6300, 9.6173, 1.5485**.

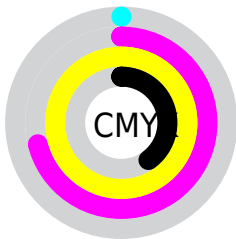
Distribution



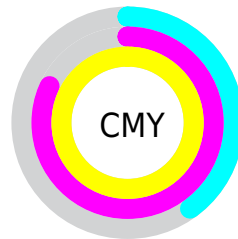
- Red (60%)
- Green (18%)
- Blue (0%)



- Red (60%)
- Yellow (25%)
- Blue (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (100%)
- Black (40%)




- Cyan (40%)
- Magenta (82%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0753, 8.6491, 0.9276 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 14.0753, 8.6491, 0.9276 by changing the saturation by 10% instead.


 14.0753, 8.6491,
0.9276


 14.0753, 8.6491,
0.9276


 211.2000,
180.7382, 102.5213


 8.2551, 4.5130,
0.0000


 32.8077, 23.2215,
5.8196


 4.3118, 1.9645,
0.0000

 46.4507, 34.4265,
10.7993


 1.8800, 0.5867,
0.0000

 63.4319, 48.7567,
18.0264

 0.5652, 0.0000,
0.0000


 84.1168, 66.5964,
27.9194

 0.0000, 0.0000,
0.0000

 108.8707, 88.3300,
40.8969


 138.0590,


114.3419, 57.3773


 172.0470,
145.0165, 77.7793


 14.0753, 8.6491,
0.9276


 14.0753, 8.6491,
0.9276


 14.0754, 8.6495,
0.9277

 14.6300, 9.6173,
1.5485

 15.3627, 10.8367,
2.5510

 16.3103, 12.3334,
4.0955

 17.4911, 14.1245,
6.2478

 18.9211, 16.2255,
9.0638

■ 20.6147, 18.6510,
12.5933

■ 22.5852, 21.4144,
16.8809

■ 24.8450, 24.5282,
21.9680

■ 27.4057, 28.0046,
27.8926

Harmonies

Analogous

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



17.1450, 8.6491, 4.4587



14.0753, 8.6491, 0.9276



9.8577, 8.6491, 0.0000

Triad

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



14.0753, 8.6491, 0.9276



3.0104, 8.6491, 5.6617



10.5946, 8.6491, 45.7882

Complementary

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



14.0753, 8.6491, 0.9276



11.1117, 13.0237, 32.0650

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.



6.7758, 8.6491, 47.2060



14.0753, 8.6491, 0.9276



3.0986, 8.6491, 17.1258

Square

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



14.0753, 8.6491, 0.9276



3.9730, 8.6491, 1.2433



4.2673, 8.6491, 34.2677



14.7535, 8.6491, 31.2034

Rectangle

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



14.0753, 8.6491, 0.9276



7.3030, 8.6491, 0.0000



4.2673, 8.6491, 34.2677



9.2122, 8.6491, 48.0764

Sweetspot

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



14.0755, 8.6496, 0.9277



40.2239, 38.0397, 29.7367



15.9323, 7.8905, 15.3355



8.5711, 7.9658, 5.8839



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.



14.0755, 8.6496, 0.9277



25.0655, 15.2061, 1.6140



19.8353, 20.1692, 2.8477



6.3495, 6.5041, 6.5266



11.6592, 7.2008, 0.7754



0.2030, 0.1651, 0.0212

Inverse Universe

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



11.1117, 13.0237, 32.0650



19.7326, 22.9897, 57.3694



6.2978, 3.3960, 30.4604



6.2311, 6.7195, 7.8975



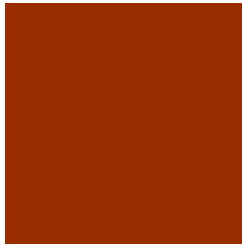
9.2134, 10.8234, 26.5112



0.1687, 0.2238, 0.4067

Previews

White Background



This preview shows how the XYZ color 14.0753, 8.6491, 0.9276 looks on a white background.

Color Contrast Check

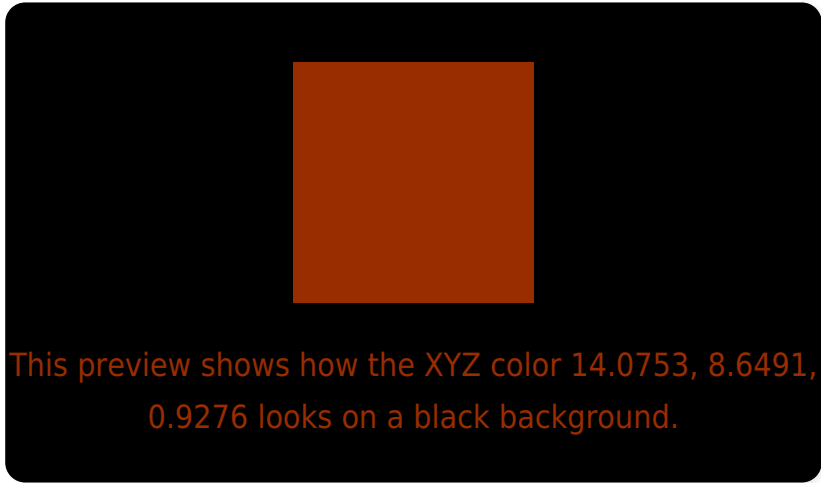
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0753, 8.6491, 0.9276

Background



This preview shows how black text looks on a background with the XYZ color 14.0753, 8.6491, 0.9276.



This preview shows how white text looks on a background with the XYZ color 14.0753, 8.6491,

0.9276.

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

14.0753, 8.6491, 0.9276

Protanopia

8.0690, 8.9704, 1.8365

Deuteranopia

8.8125, 8.8015, 1.2344



Tritanopia

14.6090, 8.7078, 3.2937

Trichromacy



Original Color

14.0753, 8.6491, 0.9276

Protanomaly

9.4530, 8.1175, 1.3852

Deuteranomaly

10.1755, 8.2253, 1.0513

Tritanomaly

14.3999, 8.6816, 2.0154

Monochromacy



Original Color

14.0753, 8.6491, 0.9276

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

7.5826, 6.4092, 3.4222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0753, 8.6491, 0.9276 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, 45, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 45, 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, 45, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 45, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.0753, 8.6491, 0.9276 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, 45, 0) }
```


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

```
.border{ border-color:rgb(153, 45, 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, 45, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 45, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 45, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 45, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.0753, 8.6491, 0.9276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 45, 0) }
```

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

```
.background{ background-color: rgb(153, 45,  
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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