

Converting Colors

XYZ(14.1856, 8.9300, 1.7022)

Have a look what the booklet for
XYZ(14.1856, 8.9300, 1.7022)
contains.

XYZ(14.1826, 8.9262, 1.6849)	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(14.1826, 8.9262,
1.6849)**

Conversions

Conversions Part 1

Format	Color
Hex	983115
RGB	152, 49, 21
RGB Percent	60%, 19%, 8%
CMY	0.4039, 0.8078, 0.9176
CMYK	0.00, 0.68, 0.86, 0.40
HSL	13°, 76%, 34%
HSV	13°, 86%, 60%
XYZ	14.1826, 8.9262, 1.6849
YIQ	76.6050, 70.3760, 13.1280

Conversions

Conversions Part 2

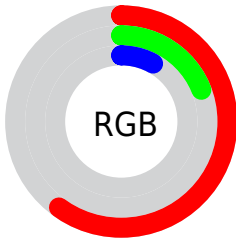
Format	Color
R_{YB}	152, 57, 21
Decimal	9974037
CIE _{Lab}	35.84, 41.75, 39.54
CIE _{LCh}	36, 57.501, 43.449
Yxy	8.9262, 0.5720, 0.3600
Android (android.graphics.Color)	4288164117 (0xFF983115)
YUV	76.6050, -27.4133, 66.1214
Hunter-Lab	29.8767, 32.4503, 17.5701

Details

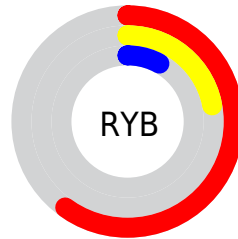
The XYZ color **14.1826, 8.9262, 1.6849** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **13.1836, 16.8402, 32.2612**, and the grayscale version is **7.0213, 7.3870, 8.0444**.

A 20% lighter version of the original color is **33.1074, 23.8587, 8.1704**, and **4.5142, 2.3272, 0.2113** is the 20% darker color. If you saturate the color by 10%, you get **13.6439, 8.0147, 0.9945**, and if you desaturate by 10%, it is **14.9368, 10.1369, 2.8546**.

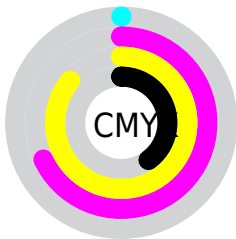
Distribution



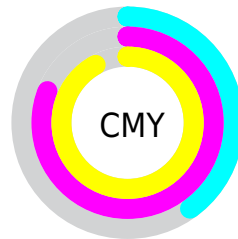
- Red (60%)
- Green (19%)
- Blue (8%)



- Red (60%)
- Yellow (22%)
- Blue (8%)



- Cyan (0%)
- Magenta (68%)
- Yellow (86%)
- Black (40%)



- Cyan (40%)
- Magenta (81%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1826, 8.9262, 1.6849 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 14.1826, 8.9262, 1.6849 by changing the saturation by 10% instead.

14.1826, 8.9262,
1.6849

14.1826, 8.9262,
1.6849

211.8518,
182.8264, 117.2744

8.3303, 4.6931,
0.3504

32.9962, 23.7552,
8.1599

4.3606, 2.0683,
0.0000

46.6883, 35.1198,
14.2586

1.9081, 0.6467,
0.0000

63.7244, 49.6304,
22.8227

0.5815, 0.0000,
0.0000


84.4698, 67.6713,
34.2709


0.0000, 0.0000,
0.0000

109.2899, 89.6270,
49.0216


138.5500,


115.8818, 67.4934


 172.6155,
146.8201, 90.1048


 14.1826, 8.9262,
1.6849


 14.1826, 8.9262,
1.6849


 13.6439, 8.0147,
0.9945

 14.9368, 10.1369,
2.8546

 13.4788, 7.7353,
0.7826

 15.9317, 11.6709,
4.5916

 17.1874, 13.5505,
6.9573

 18.7213, 15.7956,
10.0051

 20.5495, 18.4244,
13.7827

■ 22.6868, 21.4539,
18.3333

■ 25.1468, 24.9002,
23.6968

■ 27.9425, 28.7783,
29.9104

■ 31.0860, 33.1027,
37.0090

Harmonies

Analogous

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



16.5812, 8.9262, 5.9768



14.1826, 8.9262, 1.6849



10.4900, 8.9262, 0.4669

Triad

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



14.1826, 8.9262, 1.6849



3.6272, 8.9262, 5.2950



10.1003, 8.9262, 41.7568

Complementary

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



14.1826, 8.9262, 1.6849



13.1836, 16.8402, 32.2612

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.



6.7517, 8.9262, 41.0659



14.1826, 8.9262, 1.6849



3.5754, 8.9262, 14.7668

Square

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



14.1826, 8.9262, 1.6849



4.7300, 8.9262, 1.4713



4.5622, 8.9262, 29.1670



13.8323, 8.9262, 30.6870

Rectangle

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



14.1826, 8.9262, 1.6849



8.0962, 8.9262, 0.3076



4.5622, 8.9262, 29.1670



8.8842, 8.9262, 43.0393

Sweetspot

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



14.1828, 8.9267, 1.6850



39.9143, 37.6848, 32.0793



16.9700, 8.7129, 20.4584



8.7878, 8.1639, 6.6813



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.



14.1828, 8.9267, 1.6850



23.6833, 13.4371, 1.3454



18.9559, 18.4729, 3.2761



6.3106, 6.4262, 6.5136



11.3213, 6.5249, 0.6627



0.1919, 0.1429, 0.0175

Inverse Universe

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



13.1836, 16.8402, 32.2612



21.6209, 27.2359, 56.5512



7.6084, 5.6897, 30.4028



6.2725, 6.8023, 7.9114



10.3568, 13.1102, 26.8924



0.1798, 0.2460, 0.4104

Previews

White Background



This preview shows how the XYZ color 14.1826, 8.9262, 1.6849 looks on a white background.

Color Contrast Check

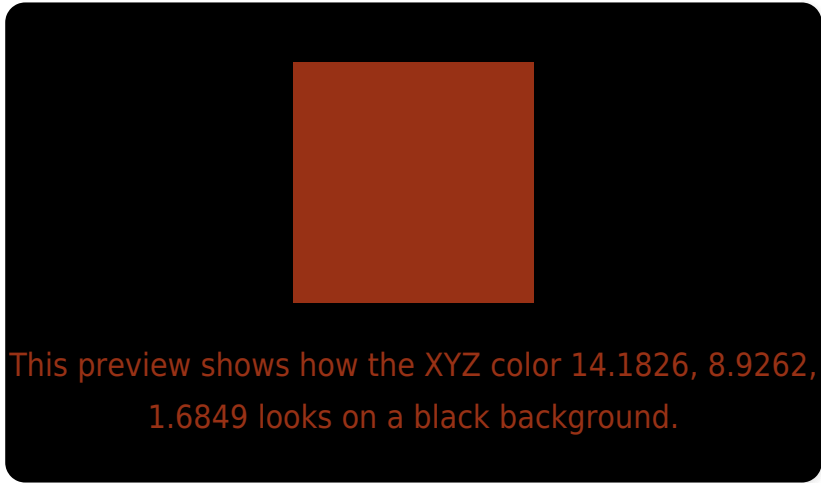
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1826, 8.9262, 1.6849

Background



This preview shows how black text looks on a background with the XYZ color 14.1826, 8.9262, 1.6849.



This preview shows how white text looks on a background with the XYZ color 14.1826, 8.9262,

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

14.1826, 8.9262, 1.6849

Protanopia

8.2814, 9.1822, 2.5642

Deuteranopia

9.1268, 9.0730, 1.2702



Tritanopia

14.6474, 8.9397, 3.7498

Trichromacy



Original Color

14.1826, 8.9262, 1.6849

Protanomaly

9.7828, 8.5572, 2.1730

Deuteranomaly

10.4841, 8.5589, 1.3292

Tritanomaly

14.5032, 8.9453, 2.7959

Monochromacy



Original Color

14.1826, 8.9262, 1.6849

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

8.4546, 7.2528, 4.8252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1826, 8.9262, 1.6849 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(152, 49, 21)` looks like.

```
.text, #text, p{  
    color:rgb(152, 49, 21)  
}
```

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(152, 49, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 49, 21) }
```

Border

The CSS property to change the border of an element to XYZ 14.1826, 8.9262, 1.6849 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(152, 49, 21) }
```


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

```
.border{ border-color:rgb(152, 49, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 49, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 49, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 49, 21);  
box-shadow:4px 4px 4px 4px rgb(152, 49,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1826, 8.9262, 1.6849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 49, 21) }
```

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

```
.background{ background-color: rgb(152, 49,  
21) }
```

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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