

Converting Colors

XYZ(14.0298, 9.0204, 1.6396)

Have a look what the booklet for
XYZ(14.0298, 9.0204, 1.6396)
contains.

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Color

**XYZ(14.1080, 9.0823,
1.6256)**

Conversions

Conversions Part 1

Format	Color
Hex	973413
RGB	151, 52, 19
RGB Percent	59%, 20%, 7%
CMY	0.4078, 0.7961, 0.9255
CMYK	0.00, 0.66, 0.87, 0.41
HSL	15°, 78%, 33%
HSV	15°, 87%, 59%
XYZ	14.1080, 9.0823, 1.6256
YIQ	77.8390, 69.5970, 10.7250

Conversions

Conversions Part 2

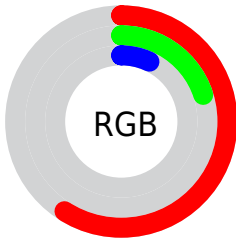
Format	Color
R_{YB}	151, 63, 19
Decimal	9909267
CIE _{Lab}	36.14, 39.98, 40.65
CIE _{LCh}	36, 57.021, 45.475
Yxy	9.0823, 0.5685, 0.3660
Android (android.graphics.Color)	4288099347 (0xFF973413)
YUV	77.8390, -29.0076, 64.1622
Hunter-Lab	30.1369, 30.8219, 17.8977

Details

The XYZ color **14.1080, 9.0823, 1.6256** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.3322, 15.3283, 31.5865**, and the grayscale version is **7.2554, 7.6332, 8.3126**.

A 20% lighter version of the original color is **32.9850, 24.0909, 8.0658**, and **4.4136, 2.2753, 0.2066** is the 20% darker color. If you saturate the color by 10%, you get **13.5657, 8.1518, 0.9705**, and if you desaturate by 10%, it is **14.8484, 10.2871, 2.7241**.

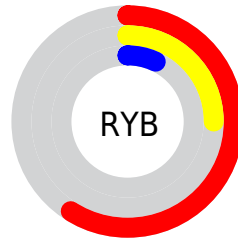
Distribution



Red (59%)

Green (20%)

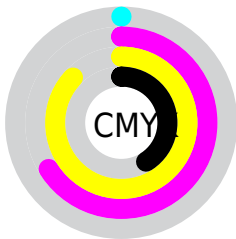
Blue (7%)



Red (59%)

Yellow (25%)

Blue (7%)

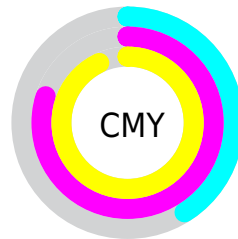


Cyan (0%)

Magenta (66%)

Yellow (87%)

Black (41%)



Cyan (41%)


Magenta (80%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1080, 9.0823, 1.6256 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 14.1080, 9.0823, 1.6256 by changing the saturation by 10% instead.


 14.1080, 9.0823,
1.6256


 14.1080, 9.0823,
1.6256


211.3989,
183.9907, 116.2619


 8.2780, 4.7949,
0.3090


 32.8652, 24.0545,
7.9894


 4.3267, 2.1274,
0.0000

 46.5231, 35.5080,
14.0108


 1.8885, 0.6800,
0.0000

 63.5211, 50.1190,
22.4834

 0.5702, 0.0000,
0.0000

 84.2245, 68.2720,
33.8256


 0.0000, 0.0000,
0.0000


 108.9986, 90.3512,
48.4561


 138.2088,


116.7412, 66.7932

 172.2204,
147.8262, 89.2557


 14.1080, 9.0823,
1.6256


 14.1080, 9.0823,
1.6256


 13.5657, 8.1518,
0.9705


 14.8484, 10.2871,
2.7241

 13.4477, 7.9499,
0.8257

 15.8137, 11.7882,
4.3699

 17.0225, 13.6051,
6.6244

 18.4911, 15.7553,
9.5404

 20.2344, 18.2545,
13.1650

■ 22.2659, 21.1179,
17.5409

■ 24.5985, 24.3593,
22.7074

■ 27.2440, 27.9922,
28.7012

■ 30.2137, 32.0290,
35.5565

Harmonies

Analogous

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



16.6391, 9.0823, 5.6700



14.1080, 9.0823, 1.6256



10.3874, 9.0823, 0.4975

Triad

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



14.1080, 9.0823, 1.6256



3.7063, 9.0823, 5.8807



10.5069, 9.0823, 41.3683

Complementary

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



14.1080, 9.0823, 1.6256



12.3322, 15.3283, 31.5865

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.



7.0872, 9.0823, 41.5784



14.1080, 9.0823, 1.6256



3.7224, 9.0823, 15.8076

Square

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



14.1080, 9.0823, 1.6256



4.7443, 9.0823, 1.6927



4.7962, 9.0823, 30.2858



14.2152, 9.0823, 29.8226

Rectangle

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



14.1080, 9.0823, 1.6256



8.0206, 9.0823, 0.3882



4.7962, 9.0823, 30.2858



9.2747, 9.0823, 42.9359

Sweetspot

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



14.1082, 9.0828, 1.6257



40.2278, 38.3118, 32.1838



16.2653, 8.3530, 17.8945



8.8645, 8.3174, 6.7069



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.



14.1082, 9.0828, 1.6257



23.9584, 13.9874, 1.4371



19.3583, 19.5831, 3.3758



6.3281, 6.4612, 6.5195



11.4604, 6.8033, 0.7091



0.1969, 0.1529, 0.0191

Inverse Universe

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



12.3322, 15.3283, 31.5865



20.4770, 24.9481, 56.1699



7.0825, 4.8289, 29.8366



6.2537, 6.7648, 7.9051



9.8222, 12.0410, 26.7142



0.1748, 0.2360, 0.4087

Previews

White Background



This preview shows how the XYZ color 14.1080, 9.0823, 1.6256 looks on a white background.

Color Contrast Check

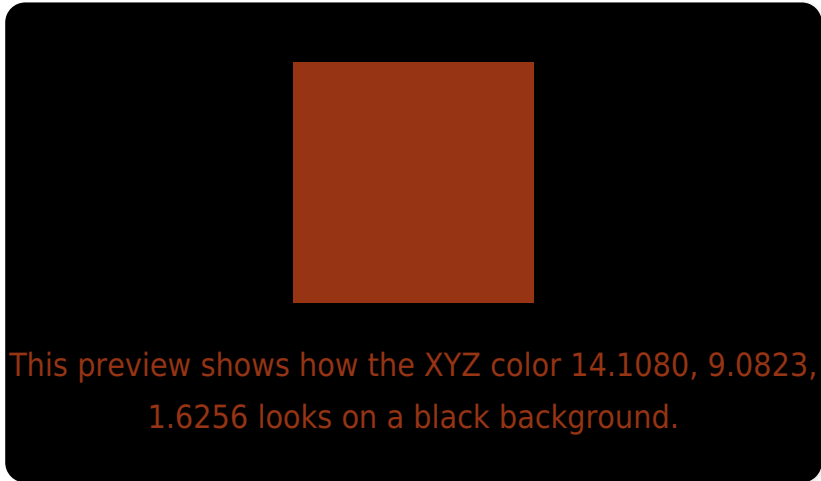
Large Text (above 18pt) WCAG AA ✓ Pass

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

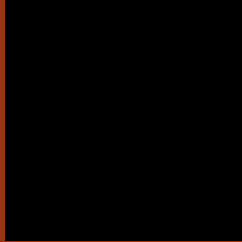
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1080, 9.0823, 1.6256

Background



This preview shows how black text looks on a background with the XYZ color 14.1080, 9.0823, 1.6256.



This preview shows how white text looks on a background with the XYZ color 14.1080, 9.0823,

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

14.1080, 9.0823, 1.6256

Protanopia

8.3495, 9.2215, 2.3768

Deuteranopia

9.3240, 9.2858, 1.3009



Tritanopia

14.6447, 9.1110, 4.1187

Trichromacy



Original Color

14.1080, 9.0823, 1.6256

Protanomaly

9.8161, 8.6765, 2.0215

Deuteranomaly

10.6038, 8.8069, 1.3420

Tritanomaly

14.4557, 9.1031, 2.9146

Monochromacy



Original Color

14.1080, 9.0823, 1.6256

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

8.6923, 7.5549, 4.8710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1080, 9.0823, 1.6256 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, 52, 19)` looks like.

```
.text, #text, p{  
    color:rgb(151, 52, 19)  
}
```

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, 52, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 52, 19) }
```

Border

The CSS property to change the border of an element to XYZ 14.1080, 9.0823, 1.6256 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, 52, 19) }
```


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

```
.border{ border-color:rgb(151, 52, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 52, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 52, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 52, 19);  
box-shadow:4px 4px 4px 4px rgb(151, 52,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1080, 9.0823, 1.6256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 52, 19) }
```

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

```
.background{ background-color: rgb(151, 52,  
19) }
```

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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