

Converting Colors

XYZ(14.0111, 8.3631, 1.4024)

Have a look what the booklet for
XYZ(14.0111, 8.3631, 1.4024)
contains.

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Color

**XYZ(14.0310, 8.3987,
1.4119)**

Conversions

Conversions Part 1

Format	Color
Hex	992911
RGB	153, 41, 17
RGB Percent	60%, 16%, 7%
CMY	0.4000, 0.8392, 0.9333
CMYK	0.00, 0.73, 0.89, 0.40
HSL	11°, 80%, 33%
HSV	11°, 89%, 60%
XYZ	14.0310, 8.3987, 1.4119
YIQ	71.7520, 74.4560, 16.2800

Conversions

Conversions Part 2

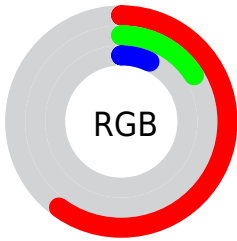
Format	Color
R_{YB}	153, 46, 17
Decimal	10037521
CIE _{Lab}	34.80, 45.29, 40.60
CIE _{LCh}	35, 60.822, 41.875
Yxy	8.3987, 0.5885, 0.3523
Android (android.graphics.Color)	4288227601 (0xFF992911)
YUV	71.7520, -26.9927, 71.2545
Hunter-Lab	28.9805, 35.7054, 17.3978

Details

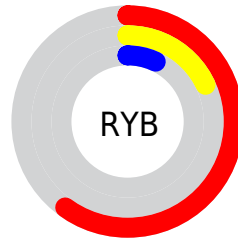
The XYZ color **14.0310, 8.3987, 1.4119** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **13.8300, 18.1173, 32.9048**, and the grayscale version is **6.1536, 6.4740, 7.0502**.

A 20% lighter version of the original color is **32.6315, 22.6604, 7.3567**, and **4.5142, 2.3272, 0.2113** is the 20% darker color. If you saturate the color by 10%, you get **13.5711, 7.6260, 0.8055**, and if you desaturate by 10%, it is **14.7026, 9.4801, 2.4430**.

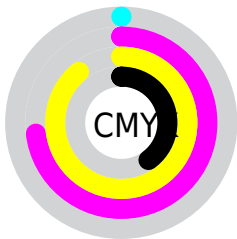
Distribution



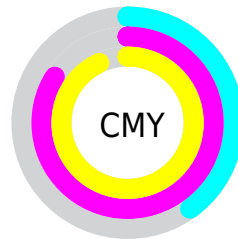
- Red (60%)
- Green (16%)
- Blue (7%)



- Red (60%)
- Yellow (18%)
- Blue (7%)



- Cyan (0%)
- Magenta (73%)
- Yellow (89%)
- Black (40%)





- Cyan (40%)
- Magenta (84%)
- Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0310, 8.3987, 1.4119 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 14.0310, 8.3987, 1.4119 by changing the saturation by 10% instead.


 14.0310, 8.3987,
1.4119


 14.0310, 8.3987,
1.4119


 210.9303,
178.8266, 112.4481


 8.2241, 4.3511,
0.1510


 32.7298, 22.7364,
7.3597


 4.2917, 1.8718,
0.0000


 46.3524, 33.7953,
13.0909

 1.8684, 0.5314,
0.0000

 63.3110, 47.9602,
21.2183

 0.5584, 0.0000,
0.0000


 83.9709, 65.6153,
32.1605


 0.0000, 0.0000,
0.0000


 108.6974, 87.1451,
46.3361


 137.8559,


112.9340, 64.1635


 171.8118,
143.3664, 86.0613


 14.0310, 8.3987,
1.4119


 14.0310, 8.3987,
1.4119


 13.5711, 7.6260,
0.8055


 14.7026, 9.4801,
2.4430

 13.5289, 7.5565,
0.7455

 15.6224, 10.9030,
4.0344

 16.8132, 12.6940,
6.2521

 18.2949, 14.8768,
9.1527

 20.0855, 17.4729,
12.7865

■ 22.2015, 20.5023,
17.1989

■ 24.6581, 23.9838,
22.4318

■ 27.4697, 27.9349,
28.5239

■ 30.6497, 32.3722,
35.5115

Harmonies

Analogous

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



16.4223, 8.3987, 5.7581



14.0310, 8.3987, 1.4119



10.2361, 8.3987, 0.1535

Triad

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



14.0310, 8.3987, 1.4119



3.1828, 8.3987, 4.4062



9.4312, 8.3987, 43.3275

Complementary

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



14.0310, 8.3987, 1.4119



13.8300, 18.1173, 32.9048

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.



6.0869, 8.3987, 41.8284



14.0310, 8.3987, 1.4119



3.0822, 8.3987, 13.6518

Square

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



14.0310, 8.3987, 1.4119



4.3148, 8.3987, 1.0299



3.9834, 8.3987, 28.6668



13.2972, 8.3987, 31.9296

Rectangle

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



14.0310, 8.3987, 1.4119



7.7671, 8.3987, 0.0000



3.9834, 8.3987, 28.6668



8.2023, 8.3987, 44.4585

Sweetspot

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



14.0312, 8.3992, 1.4120



40.3204, 37.5143, 31.9836



17.3889, 8.7938, 22.0173



8.6255, 7.8881, 6.4771



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.



14.0312, 8.3992, 1.4120



24.1310, 13.3371, 1.3025



18.5654, 17.4676, 2.9234



6.2926, 6.3903, 6.5076



11.1999, 6.2822, 0.6223



0.1867, 0.1325, 0.0157

Inverse Universe

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



13.8300, 18.1173, 32.9048



23.5347, 30.5939, 58.6368



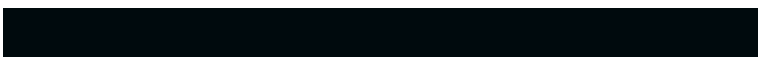
7.7217, 5.9007, 30.8687



6.2918, 6.8410, 7.9178



10.9390, 14.2747, 27.0864



0.1850, 0.2564, 0.4121

Previews

White Background



This preview shows how the XYZ color 14.0310, 8.3987, 1.4119 looks on a white background.

Color Contrast Check

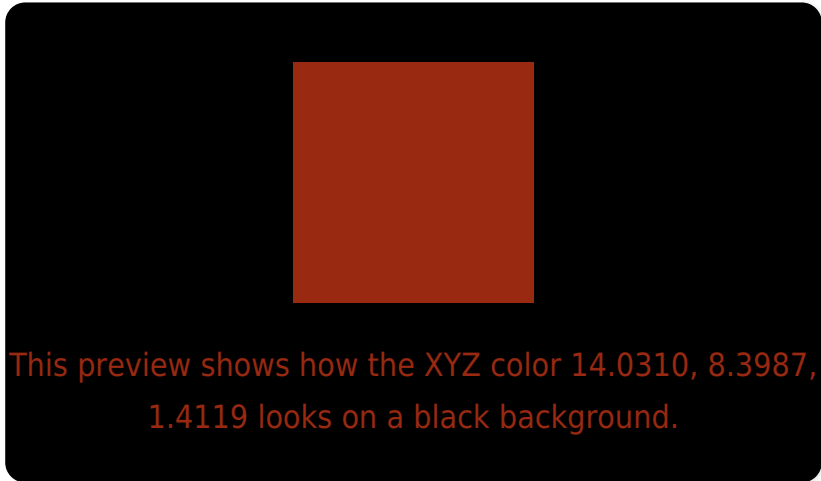
Large Text (above 18pt) WCAG AA ✓ Pass

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

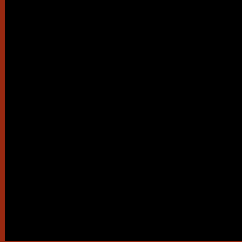
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0310, 8.3987, 1.4119

Background



This preview shows how black text looks on a background with the XYZ color 14.0310, 8.3987, 1.4119.



This preview shows how white text looks on a background with the XYZ color 14.0310, 8.3987,

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

14.0310, 8.3987, 1.4119

Protanopia

7.8053, 8.5928, 2.2841

Deuteranopia

8.6217, 8.5952, 1.2046



Tritanopia

14.2454, 8.3765, 2.8735

Trichromacy



Original Color

14.0310, 8.3987, 1.4119

Protanomaly

9.2920, 7.8409, 1.8343

Deuteranomaly

9.9492, 7.9313, 1.1788

Tritanomaly

14.1564, 8.3942, 2.2406

Monochromacy



Original Color

14.0310, 8.3987, 1.4119

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

7.6554, 6.3521, 4.0714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0310, 8.3987, 1.4119 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, 41, 17)` looks like.

```
.text, #text, p{  
    color:rgb(153, 41, 17)  
}
```

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, 41, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 41, 17) }
```

Border

The CSS property to change the border of an element to XYZ 14.0310, 8.3987, 1.4119 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, 41, 17) }
```


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

```
.border{ border-color:rgb(153, 41, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 41, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 41, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 41, 17);  
box-shadow:4px 4px 4px 4px rgb(153, 41,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0310, 8.3987, 1.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 41, 17) }
```

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

```
.background{ background-color: rgb(153, 41,  
17) }
```

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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