

Converting Colors

XYZ(14.9234, 8.4050, 1.5453)

Have a look what the booklet for
XYZ(14.9234, 8.4050, 1.5453)
contains.

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Color

**XYZ(14.9234, 8.4050,
1.5453)**

Conversions

Conversions Part 1

Format	Color
Hex	9F1F15
RGB	159, 31, 21
RGB Percent	62%, 12%, 8%
CMY	0.3765, 0.8784, 0.9176
CMYK	0.00, 0.80, 0.87, 0.38
HSL	4°, 77%, 35%
HSV	4°, 87%, 62%
XYZ	14.9234, 8.4050, 1.5453
YIQ	68.1320, 79.4980, 24.0260

Conversions

Conversions Part 2

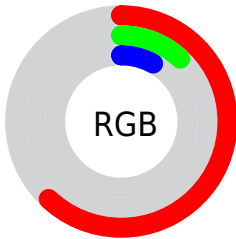
Format	Color
R_{YB}	159, 32, 21
Decimal	10428181
CIE _{Lab}	34.81, 50.72, 39.19
CIE _{LCh}	35, 64.095, 37.688
Yxy	8.4050, 0.6000, 0.3379
Android (android.graphics.Color)	4288618261 (0xFF9F1F15)
YUV	68.1320, -23.2361, 79.6912
Hunter-Lab	28.9914, 41.1485, 17.1337

Details

The XYZ color **14.9234, 8.4050, 1.5453** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **17.3133, 24.1547, 36.5504**, and the grayscale version is **5.5437, 5.8324, 6.3515**.

A 20% lighter version of the original color is **34.2919, 22.7449, 7.7371**, and **5.1456, 2.6526, 0.2408** is the 20% darker color. If you saturate the color by 10%, you get **14.5151, 7.7605, 0.8794**, and if you desaturate by 10%, it is **15.5979, 9.4389, 2.7420**.

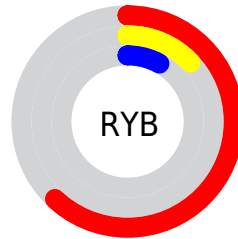
Distribution



Red (62%)

Green (12%)

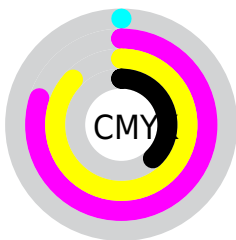
Blue (8%)



Red (62%)

Yellow (13%)

Blue (8%)

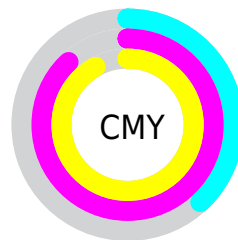


Cyan (0%)

Magenta (80%)

Yellow (87%)

Black (38%)



Cyan (38%)


Magenta (88%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9234, 8.4050, 1.5453 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 14.9234, 8.4050, 1.5453 by changing the saturation by 10% instead.


 14.9234, 8.4050,
1.5453


 14.9234, 8.4050,
1.5453


216.2997,
178.8750, 114.8606


 8.8516, 4.3552,
0.2513


 34.2915, 22.7487,
7.7556

 4.7009, 1.8742,
0.0000

 48.3185, 33.8113,
13.6704


 2.1058, 0.5328,
0.0000

 65.7280, 47.9803,
22.0162

 0.6923, 0.0000,
0.0000

 86.8853, 65.6401,
33.2116


 0.0000, 0.0000,
0.0000

 112.1558, 87.1751,
47.6753


 141.9047,


112.9696, 65.8256


 176.4976,
143.4081, 88.0812


 14.9234, 8.4050,
1.5453


 14.9234, 8.4050,
1.5453


 14.5151, 7.7605,
0.8794

 15.5979, 9.4389,
2.7420

 14.4238, 7.6226,
0.7111

 16.5784, 10.9108,
4.5765

 17.8960, 12.8630,
7.1214

 19.5778, 15.3323,
10.4391

 21.6481, 18.3518,
14.5855

■ 24.1291, 21.9520,
19.6111

■ 27.0415, 26.1610,
25.5624

■ 30.4042, 31.0053,
32.4827

■ 34.2354, 36.5097,
40.4126

Harmonies

Analogous

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



17.1498, 8.4050, 6.7189



14.9234, 8.4050, 1.5453



10.9581, 8.4050, 0.0507

Triad

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



14.9234, 8.4050, 1.5453



3.0984, 8.4050, 3.4479



8.9642, 8.4050, 46.9775

Complementary

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



14.9234, 8.4050, 1.5453



17.3133, 24.1547, 36.5504

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.



5.6109, 8.4050, 43.1488



14.9234, 8.4050, 1.5453



2.8591, 8.4050, 12.1104

Square

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



14.9234, 8.4050, 1.5453



4.4223, 8.4050, 0.6502



3.6246, 8.4050, 27.7431



13.0894, 8.4050, 36.0255

Rectangle

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



14.9234, 8.4050, 1.5453



8.2750, 8.4050, 0.0000



3.6246, 8.4050, 27.7431



7.7091, 8.4050, 47.4679

Sweetspot

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



14.9236, 8.4055, 1.5454



43.3570, 39.5222, 35.4142



20.0550, 10.1028, 29.6626



9.4289, 8.4090, 7.2809



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



14.9236, 8.4055, 1.5454



25.7771, 13.5418, 1.2552



18.9142, 16.3867, 2.8756



6.6698, 6.7196, 6.9311



11.4055, 6.0466, 0.5660



0.2140, 0.1282, 0.0135

Inverse Universe

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



17.3133, 24.1547, 36.5504



29.9629, 41.9937, 65.2698



9.4949, 8.5179, 33.9443



6.7807, 7.4271, 8.4829



13.2543, 18.6002, 28.7988



0.2480, 0.3546, 0.5186

Previews

White Background



This preview shows how the XYZ color 14.9234, 8.4050, 1.5453 looks on a white background.

Color Contrast Check

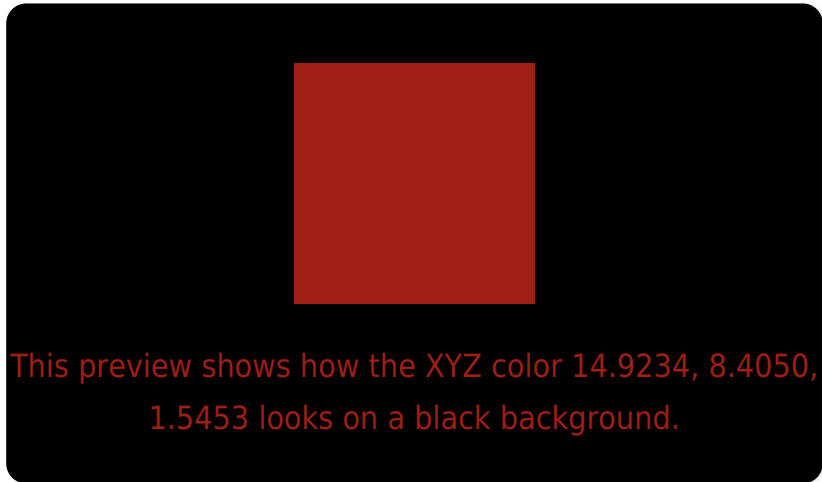
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9234, 8.4050, 1.5453

Background



This preview shows how black text looks on a background with the XYZ color 14.9234, 8.4050, 1.5453.



This preview shows how white text looks on a background with the XYZ color 14.9234, 8.4050,

1.5453.

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

14.9234, 8.4050, 1.5453

Protanopia

7.9590, 8.7776, 2.7136

Deuteranopia

8.6217, 8.5952, 1.2046



Tritanopia

14.9967, 8.3932, 2.0579

Trichromacy



Original Color

14.9234, 8.4050, 1.5453

Protanomaly

9.4482, 7.6512, 2.1413

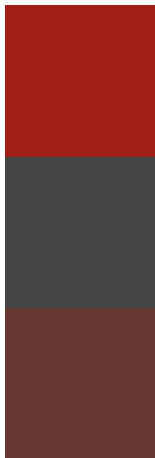
Deuteranomaly

10.2239, 7.8228, 1.2008

Tritanomaly

14.9602, 8.3786, 1.8657

Monochromacy



Original Color

14.9234, 8.4050, 1.5453

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

7.3306, 5.7381, 3.8532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9234, 8.4050, 1.5453 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(159, 31, 21)` looks like.

```
.text, #text, p{  
    color:rgb(159, 31, 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(159, 31, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 31, 21) }
```

Border

The CSS property to change the border of an element to XYZ 14.9234, 8.4050, 1.5453 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(159, 31, 21) }
```


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

```
.border{ border-color:rgb(159, 31, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 31, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 31, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 31, 21);  
box-shadow:4px 4px 4px 4px rgb(159, 31,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9234, 8.4050, 1.5453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 31, 21) }
```

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

```
.background{ background-color: rgb(159, 31,  
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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