

Converting Colors

XYZ(14.2357, 8.0197, 2.0597)

Have a look what the booklet for
XYZ(14.2357, 8.0197, 2.0597)
contains.

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Color

**XYZ(14.2549, 8.0475,
2.0983)**

Conversions

Conversions Part 1

Format	Color
Hex	9B1F1F
RGB	155, 31, 31
RGB Percent	61%, 12%, 12%
CMY	0.3922, 0.8784, 0.8784
CMYK	0.00, 0.80, 0.80, 0.39
HSL	0°, 67%, 36%
HSV	0°, 80%, 61%
XYZ	14.2549, 8.0475, 2.0983
YIQ	68.0760, 73.9040, 26.2880

Conversions

Conversions Part 2

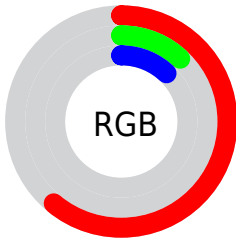
Format	Color
R_{YB}	155, 31, 31
Decimal	10166047
CIE Lab	34.08, 49.78, 32.73
CIE LCh	34, 59.576, 33.321
Yxy	8.0475, 0.5842, 0.3298
Android (android.graphics.Color)	4288356127 (0xFF9B1F1F)
YUV	68.0760, -18.2785, 76.2323
Hunter-Lab	28.3681, 40.0516, 15.4722

Details

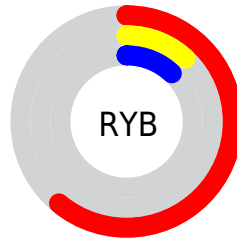
The XYZ color **14.2549, 8.0475, 2.0983** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.2009, 26.0968, 35.0880**, and the grayscale version is **5.5276, 5.8155, 6.3331**.

A 20% lighter version of the original color is **33.1131, 22.1002, 9.3580**, and **4.7193, 2.4329, 0.2209** is the 20% darker color. If you saturate the color by 10%, you get **13.7855, 7.3608, 1.1650**, and if you desaturate by 10%, it is **15.0176, 9.1638, 3.6140**.

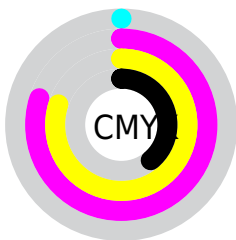
Distribution



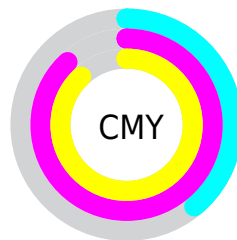
- Red (61%)
- Green (12%)
- Blue (12%)



- Red (61%)
- Yellow (12%)
- Blue (12%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (39%)




- Cyan (39%)
- Magenta (88%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2549, 8.0475, 2.0983 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 14.2549, 8.0475, 2.0983 by changing the saturation by 10% instead.


 14.2549, 8.0475,
2.0983


 14.2549, 8.0475,
2.0983


212.2899,
176.1041, 123.8850


 8.3811, 4.1254,
0.6148


 33.1231, 22.0515,
9.3078


 4.3936, 1.7439,
0.0000

 46.8482, 32.9022,
15.9115


 1.9271, 0.4519,
0.0000

 63.9211, 46.8311,
25.0724

 0.5925, 0.0000,
0.0000


 84.7071, 64.2228,
37.2091


 0.0000, 0.0000,
0.0000


 109.5717, 85.4615,
52.7401


 138.8801,

110.9317, 72.0841


 172.9977,
141.0178, 95.6596


 14.2549, 8.0475,
2.0983


 14.2549, 8.0475,
2.0983


 13.7855, 7.3608,
1.1650

 15.0176, 9.1638,
3.6140


 13.5176, 6.9688,
0.6327

 16.1100, 10.7625,
5.7857

 13.5176, 6.9688,
0.6327

 17.5642, 12.8904,
8.6764

 19.4081, 15.5885,
12.3418

 21.6668, 18.8936,
16.8321

■ 24.3635, 22.8397,
22.1931

■ 27.5196, 27.4579,
28.4674

■ 31.1551, 32.7776,
35.6949

■ 35.2889, 38.8264,
43.9128

Harmonies

Analogous

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



15.8731, 8.0475, 7.7531



14.2549, 8.0475, 2.0983



10.8592, 8.0475, 0.3865

Triad

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



14.2549, 8.0475, 2.0983



3.2710, 8.0475, 2.8812



8.0217, 8.0475, 42.2041

Complementary

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



14.2549, 8.0475, 2.0983



18.2009, 26.0968, 35.0880

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.



5.1433, 8.0475, 37.0126



14.2549, 8.0475, 2.0983



2.9086, 8.0475, 9.8556

Square

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



14.2549, 8.0475, 2.0983



4.6708, 8.0475, 0.6278



3.4836, 8.0475, 22.9788



11.6818, 8.0475, 34.3345

Rectangle

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



14.2549, 8.0475, 2.0983



8.4094, 8.0475, 0.0000



3.4836, 8.0475, 22.9788



6.9357, 8.0475, 41.9405

Sweetspot

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



14.2551, 8.0480, 2.0984



41.3754, 37.6005, 35.2581



19.9238, 10.3150, 31.9510



9.0077, 7.9877, 7.2700



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.2551, 8.0480, 2.0984



24.3403, 12.6729, 1.3946



17.6791, 14.8961, 3.2398



6.2088, 6.2228, 6.4797



10.8575, 5.5975, 0.5082



0.1623, 0.0837, 0.0076

Inverse Universe

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



18.2009, 26.0968, 35.0880



31.6842, 46.2657, 62.7965



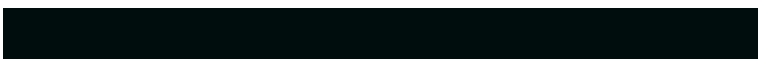
10.3958, 10.4865, 32.4863



6.3846, 7.0265, 7.9487



14.1649, 20.7265, 28.1618



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 14.2549, 8.0475, 2.0983 looks on a white background.

Color Contrast Check

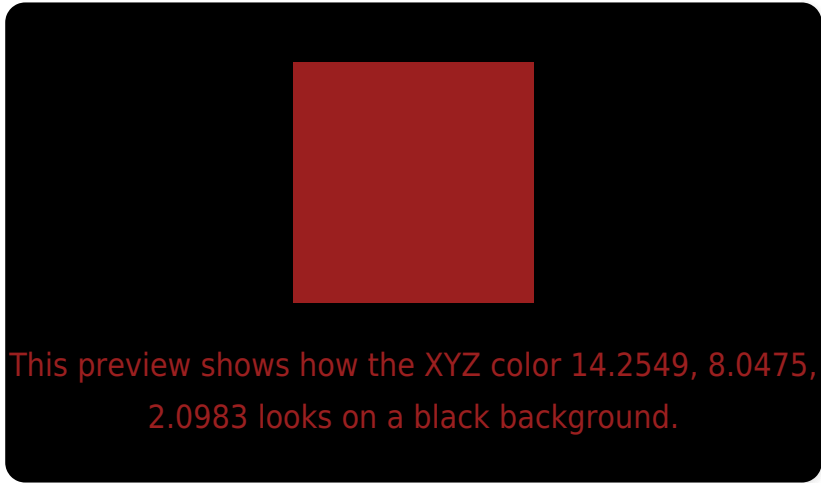
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2549, 8.0475, 2.0983

Background



This preview shows how black text looks on a background with the XYZ color 14.2549, 8.0475, 2.0983.



This preview shows how white text looks on a background with the XYZ color 14.2549, 8.0475,

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

14.2549, 8.0475, 2.0983

Protanopia

7.7074, 8.3977, 3.6973

Deuteranopia

8.4442, 8.3828, 1.8348



Tritanopia

14.2549, 8.0475, 2.0983

Trichromacy



Original Color

14.2549, 8.0475, 2.0983

Protanomaly

9.0999, 7.2856, 2.9341

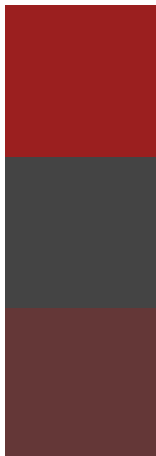
Deuteranomaly

9.8597, 7.5410, 1.8001

Tritanomaly

14.2549, 8.0475, 2.0983

Monochromacy



Original Color

14.2549, 8.0475, 2.0983

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

7.3113, 5.7175, 4.3327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2549, 8.0475, 2.0983 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(155, 31, 31)` looks like.

```
.text, #text, p{  
    color:rgb(155, 31, 31)  
}
```

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(155, 31, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 31, 31) }
```

Border

The CSS property to change the border of an element to XYZ 14.2549, 8.0475, 2.0983 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(155, 31, 31) }
```


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

```
.border{ border-color:rgb(155, 31, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 31, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 31, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 31, 31);  
box-shadow:4px 4px 4px 4px rgb(155, 31,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2549, 8.0475, 2.0983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 31, 31) }
```

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

```
.background{ background-color: rgb(155, 31,  
31) }
```

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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