

Converting Colors

XYZ(14.2650, 9.1056, 3.0691)

Have a look what the booklet for
XYZ(14.2650, 9.1056, 3.0691)
contains.

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Color

**XYZ(14.2059, 9.1001,
3.1056)**

Conversions

Conversions Part 1

Format	Color
Hex	963429
RGB	150, 52, 41
RGB Percent	59%, 20%, 16%
CMY	0.4118, 0.7961, 0.8392
CMYK	0.00, 0.65, 0.73, 0.41
HSL	6°, 57%, 37%
HSV	6°, 73%, 59%
XYZ	14.2059, 9.1001, 3.1056
YIQ	80.0480, 61.9390, 17.3550

Conversions

Conversions Part 2

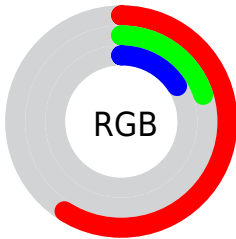
Format	Color
R_{YB}	150, 53, 41
Decimal	9843753
CIE Lab	36.18, 40.45, 28.85
CIE LCh	36, 49.684, 35.500
Yxy	9.1001, 0.5379, 0.3445
Android (android.graphics.Color)	4288033833 (0xFF963429)
YUV	80.0480, -19.2507, 61.3479
Hunter-Lab	30.1664, 31.2678, 15.0126

Details

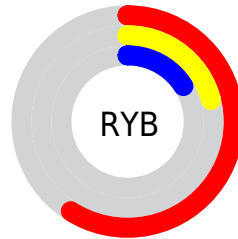
The XYZ color **14.2059, 9.1001, 3.1056** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15.6512, 21.1370, 32.1089**, and the grayscale version is **7.6626, 8.0617, 8.7792**.

A 20% lighter version of the original color is **33.1489, 24.0903, 11.9196**, and **4.5142, 2.3272, 0.2113** is the 20% darker color. If you saturate the color by 10%, you get **13.4739, 7.9783, 1.8071**, and if you desaturate by 10%, it is **15.2101, 10.6068, 4.9871**.

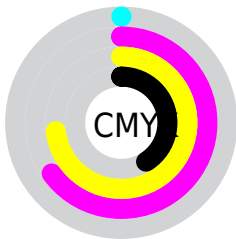
Distribution



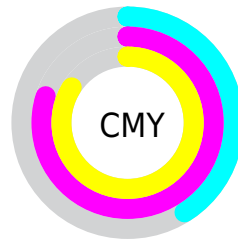
- Red (59%)
- Green (20%)
- Blue (16%)



- Red (59%)
- Yellow (21%)
- Blue (16%)



- Cyan (0%)
- Magenta (65%)
- Yellow (73%)
- Black (41%)





- Cyan (41%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2059, 9.1001, 3.1056 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 14.2059, 9.1001, 3.1056 by changing the saturation by 10% instead.


 14.2059, 9.1001,
3.1056


 14.2059, 9.1001,
3.1056


211.9931,
184.1229, 137.6944


 8.3467, 4.8065,
1.1488


 33.0371, 24.0885,
11.8879


 4.3712, 2.1342,
0.0000

 46.7399, 35.5522,
19.5505

 1.9142, 0.6838,
0.0000

 63.7878, 50.1746,
29.9521

 0.5851, 0.0000,
0.0000

 84.5463, 68.3403,
43.5113

 0.0000, 0.0000,
0.0000

 109.3807, 90.4335,
60.6466

 138.6564,

116.8388, 81.7765

172.7388,
147.9404, 107.3196

14.2059, 9.1001,
3.1056

14.2059, 9.1001,
3.1056

13.4739, 7.9783,
1.8071

15.2101, 10.6068,
4.9871

12.9864, 7.2049,
1.0229

16.5093, 12.5276,
7.5093

12.7505, 6.8297,
0.6462

18.1247, 14.8906,
10.7231

20.0753, 17.7209,
14.6745

22.3785, 21.0420,
19.4052

■ 25.0508, 24.8755,
24.9541

■ 28.1072, 29.2419,
31.3572

■ 31.5623, 34.1606,
38.6485

■ 35.4297, 39.6498,
46.8603

Harmonies

Analogous

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



15.7022, 9.1001, 8.4167



14.2059, 9.1001, 3.1056



11.2510, 9.1001, 1.2195

Triad

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



14.2059, 9.1001, 3.1056



4.4114, 9.1001, 4.5406



9.2105, 9.1001, 36.8804

Complementary

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



14.2059, 9.1001, 3.1056



15.6512, 21.1370, 32.1089

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.



6.4833, 9.1001, 33.6134



14.2059, 9.1001, 3.1056



4.1061, 9.1001, 11.5668

Square

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



14.2059, 9.1001, 3.1056



5.7293, 9.1001, 1.6518



4.7715, 9.1001, 22.8267



12.4236, 9.1001, 30.1843

Rectangle

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



14.2059, 9.1001, 3.1056



9.1069, 9.1001, 0.8978



4.7715, 9.1001, 22.8267



8.2074, 9.1001, 36.9405

Sweetspot

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



14.2061, 9.1006, 3.1057



39.5956, 37.2816, 34.4572



18.0380, 9.9369, 25.4316



8.5447, 7.9309, 7.1612



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.2061, 9.1006, 3.1057



23.2101, 13.1853, 2.2524



18.1732, 17.0348, 4.4281



5.8451, 5.9041, 6.0720



10.5874, 5.6892, 0.5401



0.1389, 0.0882, 0.0097

Inverse Universe

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



15.6512, 21.1370, 32.1089



25.7988, 35.4511, 56.4043



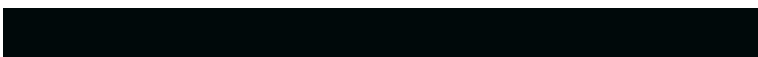
9.6366, 9.1077, 30.1040



5.9146, 6.4632, 7.4055



11.7479, 16.1907, 26.4370



0.1554, 0.2214, 0.3275

Previews

White Background



This preview shows how the XYZ color 14.2059, 9.1001, 3.1056 looks on a white background.

Color Contrast Check

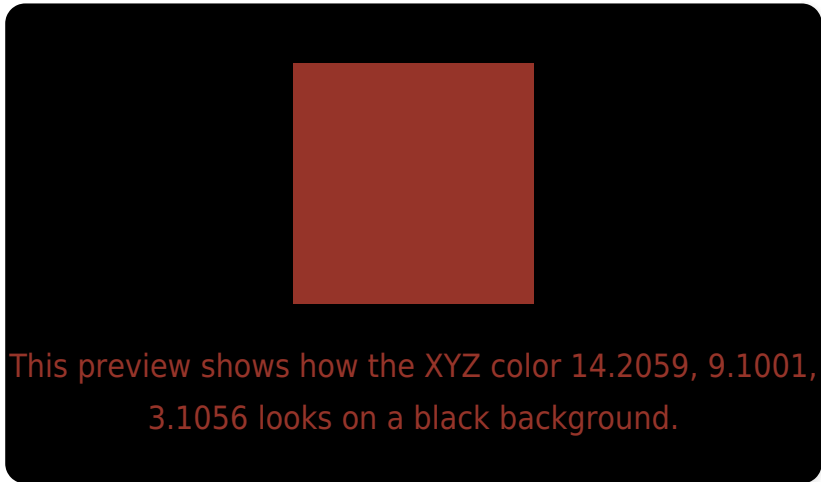
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2059, 9.1001, 3.1056

Background



This preview shows how black text looks on a background with the XYZ color 14.2059, 9.1001, 3.1056.



This preview shows how white text looks on a background with the XYZ color 14.2059, 9.1001,

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

14.2059, 9.1001, 3.1056

Protanopia

8.5637, 9.2832, 4.5893

Deuteranopia

9.3841, 9.2817, 2.8871



Tritanopia

14.3609, 9.0223, 4.3527

Trichromacy



Original Color

14.2059, 9.1001, 3.1056

Protanomaly

9.9217, 8.6884, 3.9504

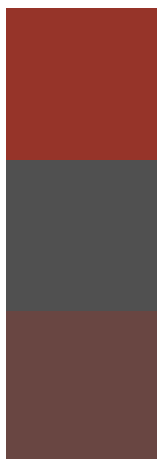
Deuteranomaly

10.7555, 8.8510, 2.8918

Tritanomaly

14.3159, 9.0734, 3.9025

Monochromacy



Original Color

14.2059, 9.1001, 3.1056

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

8.9992, 7.7769, 6.1810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2059, 9.1001, 3.1056 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(150, 52, 41)` looks like.

```
.text, #text, p{  
    color:rgb(150, 52, 41)  
}
```

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(150, 52, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 52, 41) }
```

Border

The CSS property to change the border of an element to XYZ 14.2059, 9.1001, 3.1056 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(150, 52, 41) }
```


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

```
.border{ border-color:rgb(150, 52, 41) }
```

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

Here you see how a box with a 4 pixel rgb(150, 52, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 52, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 52, 41);  
box-shadow:4px 4px 4px 4px rgb(150, 52,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2059, 9.1001, 3.1056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 52, 41) }
```

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

```
.background{ background-color: rgb(150, 52,  
41) }
```

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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