

Converting Colors

XYZ(14.0835, 8.4984, 2.8162)

Have a look what the booklet for
XYZ(14.0835, 8.4984, 2.8162)
contains.

XYZ(13.9926, 8.4535, 2.8137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.9926, 8.4535,
2.8137)**

Conversions

Conversions Part 1

Format	Color
Hex	972B27
RGB	151, 43, 39
RGB Percent	59%, 17%, 15%
CMY	0.4078, 0.8313, 0.8471
CMYK	0.00, 0.72, 0.74, 0.41
HSL	2°, 59%, 37%
HSV	2°, 74%, 59%
XYZ	13.9926, 8.4535, 2.8137
YIQ	74.8360, 65.6520, 21.6520

Conversions

Conversions Part 2

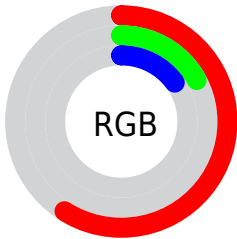
Format	Color
R _Y B	151, 43, 39
Decimal	9906983
CIE Lab	34.91, 44.57, 28.65
CIE LCh	35, 52.984, 32.729
Yxy	8.4535, 0.5539, 0.3347
Android (android.graphics.Color)	4288097063 (0xFF972B27)
YUV	74.8360, -17.6671, 66.7958
Hunter-Lab	29.0749, 35.0239, 14.6147

Details

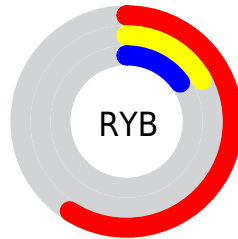
The XYZ color **13.9926, 8.4535, 2.8137** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.8555, 23.5314, 32.9317**, and the grayscale version is **6.6812, 7.0291, 7.6547**.

A 20% lighter version of the original color is **32.6471, 22.8547, 11.0782**, and **4.5142, 2.3272, 0.2113** is the 20% darker color. If you saturate the color by 10%, you get **13.3522, 7.4967, 1.6020**, and if you desaturate by 10%, it is **14.9220, 9.8292, 4.6132**.

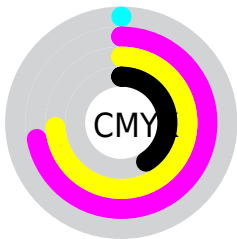
Distribution



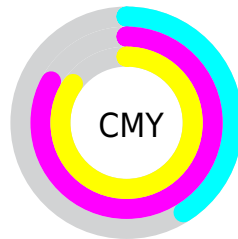
- Red (59%)
- Green (17%)
- Blue (15%)



- Red (59%)
- Yellow (17%)
- Blue (15%)



- Cyan (0%)
- Magenta (72%)
- Yellow (74%)
- Black (41%)




- Cyan (41%)
- Magenta (83%)
- Yellow (85%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9926, 8.4535, 2.8137 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 13.9926, 8.4535, 2.8137 by changing the saturation by 10% instead.


 13.9926, 8.4535,
2.8137


 13.9926, 8.4535,
2.8137


210.6963,
179.2470, 133.9513


 8.1972, 4.3865,
1.0003


 32.6623, 22.8428,
11.1652


 4.2742, 1.8920,
0.0000

 46.2672, 33.9339,
18.5403


 1.8584, 0.5436,
0.0000

 63.2061, 48.1351,
28.6065

 0.5525, 0.0000,
0.0000

 83.8442, 65.8308,
41.7822

 0.0000, 0.0000,
0.0000

 108.5469, 87.4055,
58.4860

 137.6796,

113.2435, 79.1364

171.6076,
143.7292, 104.1520

13.9926, 8.4535,
2.8137

13.9926, 8.4535,
2.8137

13.3522, 7.4967,
1.6020

14.9220, 9.8292,
4.6132

12.9662, 6.9096,
0.9030

16.1684, 11.6625,
7.0619

12.8211, 6.6965,
0.6168

17.7574, 13.9898,
10.2138

19.7114, 16.8431,
14.1173

22.0514, 20.2518,
18.8163

■ 24.7964, 24.2432,
24.3514

■ 27.9644, 28.8426,
30.7606

■ 31.5721, 34.0742,
38.0794

■ 35.6355, 39.9605,
46.3414

Harmonies

Analogous

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



15.3630, 8.4535, 8.4334



13.9926, 8.4535, 2.8137



11.0074, 8.4535, 0.9155

Triad

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



13.9926, 8.4535, 2.8137



3.8925, 8.4535, 3.4847



8.3151, 8.4535, 37.9096

Complementary

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



13.9926, 8.4535, 2.8137



16.8555, 23.5314, 32.9317

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.



5.6522, 8.4535, 33.3905



13.9926, 8.4535, 2.8137



3.5107, 8.4535, 10.0211

Square

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



13.9926, 8.4535, 2.8137



5.2810, 8.4535, 1.0976



4.0659, 8.4535, 21.4774



11.6102, 8.4535, 31.5516

Rectangle

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



13.9926, 8.4535, 2.8137



8.7941, 8.4535, 0.5336



4.0659, 8.4535, 21.4774



7.3205, 8.4535, 37.6146

Sweetspot

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



13.9928, 8.4540, 2.8138



40.2896, 37.4300, 35.3045



18.7754, 10.1454, 28.6822



8.9007, 8.1340, 7.5078



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.



13.9928, 8.4540, 2.8138



23.4087, 12.6625, 1.9492



17.5653, 15.5991, 4.0047



6.2256, 6.2563, 6.4853



10.9118, 5.7061, 0.5263



0.1673, 0.0936, 0.0092

Inverse Universe

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



16.8555, 23.5314, 32.9317



28.7610, 41.0380, 58.8389



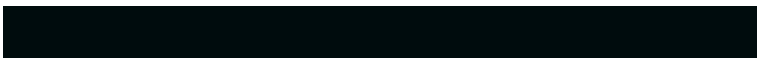
10.1866, 10.1936, 30.7087



6.3656, 6.9887, 7.9424



13.4488, 19.2942, 27.9230



0.2061, 0.2985, 0.4191

Previews

White Background



This preview shows how the XYZ color 13.9926, 8.4535, 2.8137 looks on a white background.

Color Contrast Check

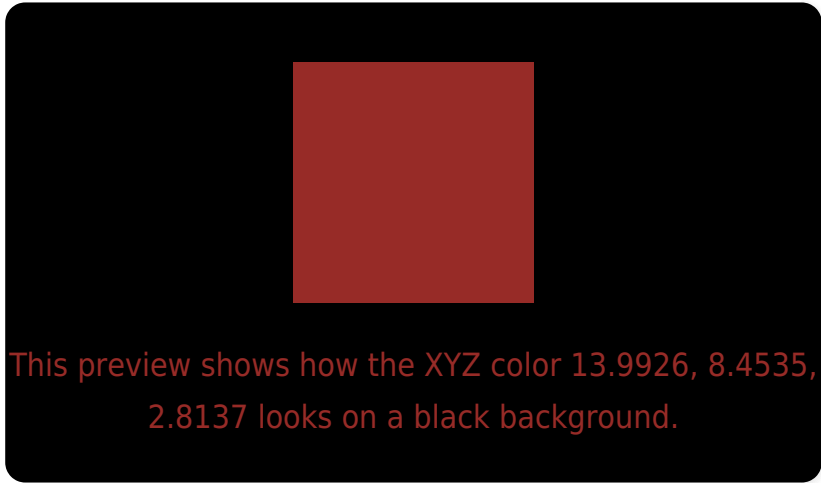
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9926, 8.4535, 2.8137

Background



This preview shows how black text looks on a background with the XYZ color 13.9926, 8.4535, 2.8137.

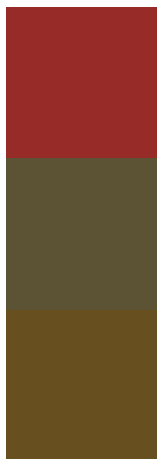


This preview shows how white text looks on a background with the XYZ color 13.9926, 8.4535,

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

13.9926, 8.4535, 2.8137

Protanopia

8.0275, 8.6586, 4.4970

Deuteranopia

8.7656, 8.6393, 2.5721



Tritanopia

14.0451, 8.4171, 3.2673

Trichromacy



Original Color

13.9926, 8.4535, 2.8137

Protanomaly

9.3903, 7.8502, 3.7096

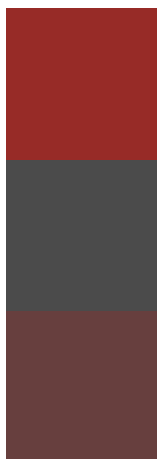
Deuteranomaly

10.1367, 8.0827, 2.6160

Tritanomaly

14.0084, 8.4024, 3.0740

Monochromacy



Original Color

13.9926, 8.4535, 2.8137

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

8.2405, 6.7864, 5.4330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9926, 8.4535, 2.8137 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, 43, 39)` looks like.

```
.text, #text, p{  
    color:rgb(151, 43, 39)  
}
```

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, 43, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 43, 39) }
```

Border

The CSS property to change the border of an element to XYZ 13.9926, 8.4535, 2.8137 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, 43, 39) }
```


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

```
.border{ border-color:rgb(151, 43, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 43, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 43, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 43, 39);  
box-shadow:4px 4px 4px 4px rgb(151, 43,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9926, 8.4535, 2.8137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 43, 39) }
```

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

```
.background{ background-color: rgb(151, 43,  
39) }
```

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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