

Converting Colors

XYZ(14.0115, 8.2084, 2.5752)

Have a look what the booklet for
XYZ(14.0115, 8.2084, 2.5752)
contains.

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Color

**XYZ(13.9759, 8.1952,
2.5955)**

Conversions

Conversions Part 1

Format	Color
Hex	982625
RGB	152, 38, 37
RGB Percent	60%, 15%, 15%
CMY	0.4039, 0.8509, 0.8549
CMYK	0.00, 0.75, 0.76, 0.40
HSL	1°, 61%, 37%
HSV	1°, 76%, 60%
XYZ	13.9759, 8.1952, 2.5955
YIQ	71.9720, 68.2650, 23.8570

Conversions

Conversions Part 2

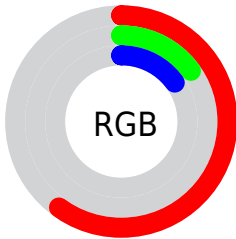
Format	Color
R_{YB}	152, 38, 37
Decimal	9971237
CIE Lab	34.39, 46.73, 29.31
CIE LCh	34, 55.159, 32.102
Yxy	8.1952, 0.5643, 0.3309
Android (android.graphics.Color)	4288161317 (0xFF982625)
YUV	71.9720, -17.2412, 70.1846
Hunter-Lab	28.6273, 37.0464, 14.6635

Details

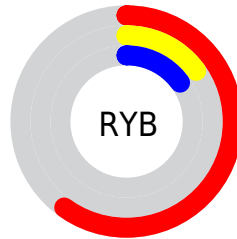
The XYZ color **13.9759, 8.1952, 2.5955** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.4956, 24.7907, 33.5684**, and the grayscale version is **6.1759, 6.4975, 7.0758**.

A 20% lighter version of the original color is **32.5015, 22.2605, 10.5663**, and **4.5142, 2.3272, 0.2113** is the 20% darker color. If you saturate the color by 10%, you get **13.3969, 7.3430, 1.4603**, and if you desaturate by 10%, it is **14.8497, 9.4782, 4.3194**.

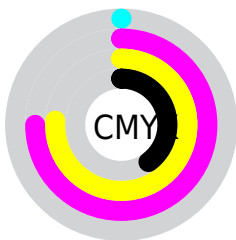
Distribution



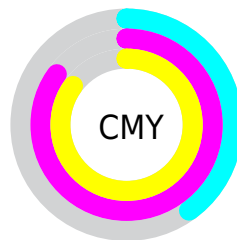
- Red (60%)
- Green (15%)
- Blue (15%)



- Red (60%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (75%)
- Yellow (76%)
- Black (40%)




- Cyan (40%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9759, 8.1952, 2.5955 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 13.9759, 8.1952, 2.5955 by changing the saturation by 10% instead.


 13.9759, 8.1952,
2.5955


 13.9759, 8.1952,
2.5955


210.5945,
177.2551, 131.0292

 8.1855, 4.2201,
0.8901


 32.6329, 22.3402,
10.6128


 4.2667, 1.7974,
0.0000

 46.2302, 33.2790,
17.7638


 1.8541, 0.4856,
0.0000

 63.1605, 47.3077,
27.5676

 0.5499, 0.0000,
0.0000

 83.7891, 64.8108,
40.4429

 0.0000, 0.0000,
0.0000

 108.4815, 86.1727,
56.8081

 137.6029,

111.7778, 77.0819

171.5188,
142.0105, 101.6827

13.9759, 8.1952,
2.5955

13.9759, 8.1952,
2.5955

13.3969, 7.3430,
1.4603

14.8497, 9.4782,
4.3194

13.0704, 6.8608,
0.8249

16.0497, 11.2369,
6.6964

12.9632, 6.7043,
0.6108

17.6040, 13.5122,
9.7833

19.5374, 16.3404,
13.6302

21.8728, 19.7543,
18.2830

■ 24.6308, 23.7843,
23.7839

■ 27.8311, 28.4586,
30.1720

■ 31.4917, 33.8038,
37.4842

■ 35.6298, 39.8447,
45.7551

Harmonies

Analogous

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



15.3528, 8.1952, 8.3141



13.9759, 8.1952, 2.5955



10.9092, 8.1952, 0.7367

Triad

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



13.9759, 8.1952, 2.5955



3.6334, 8.1952, 3.0991



8.0090, 8.1952, 38.9658

Complementary

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



13.9759, 8.1952, 2.5955



17.4956, 24.7907, 33.5684

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.



5.3293, 8.1952, 33.9510



13.9759, 8.1952, 2.5955



3.2364, 8.1952, 9.5613

Square

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



13.9759, 8.1952, 2.5955



5.0419, 8.1952, 0.8782



3.7659, 8.1952, 21.3467



11.3881, 8.1952, 32.4539

Rectangle

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



13.9759, 8.1952, 2.5955



8.6336, 8.1952, 0.3252



3.7659, 8.1952, 21.3467



7.0019, 8.1952, 38.5670

Sweetspot

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



13.9761, 8.1957, 2.5956



39.6185, 36.3454, 34.2862



19.2778, 10.2655, 30.6708



8.6593, 7.7559, 7.1040



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.



13.9761, 8.1957, 2.5956



23.1995, 12.2992, 1.7095



17.3300, 14.9035, 3.7136



6.2129, 6.2309, 6.4811



10.8707, 5.6239, 0.5126



0.1635, 0.0861, 0.0080

Inverse Universe

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



17.4956, 24.7907, 33.5684



29.7137, 43.0603, 59.1791



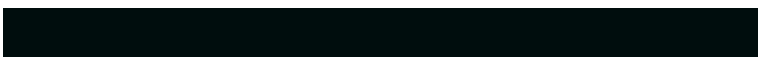
10.4777, 10.7549, 31.2291



6.3799, 7.0173, 7.9472



13.9877, 20.3720, 28.1027



0.2104, 0.3071, 0.4206

Previews

White Background



This preview shows how the XYZ color 13.9759, 8.1952, 2.5955 looks on a white background.

Color Contrast Check

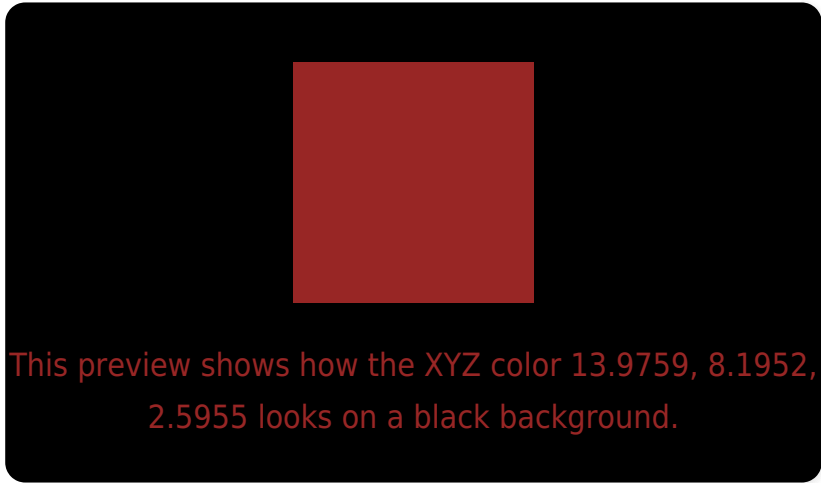
Large Text (above 18pt) WCAG AA ✓ Pass

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

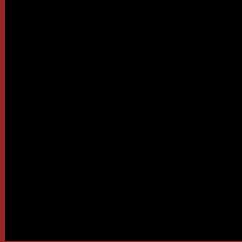
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9759, 8.1952, 2.5955

Background



This preview shows how black text looks on a background with the XYZ color 13.9759, 8.1952, 2.5955.

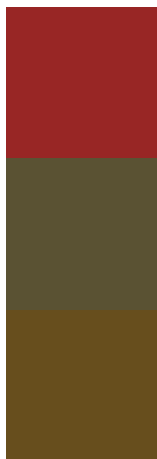


This preview shows how white text looks on a background with the XYZ color 13.9759, 8.1952,

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

13.9759, 8.1952, 2.5955

Protanopia

7.8313, 8.4473, 4.3497

Deuteranopia

8.5397, 8.4211, 2.3377



Tritanopia

14.0082, 8.2081, 2.7655

Trichromacy



Original Color

13.9759, 8.1952, 2.5955

Protanomaly

9.2514, 7.6044, 3.5650

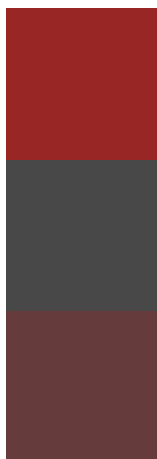
Deuteranomaly

9.9234, 7.7242, 2.3344

Tritanomaly

13.9919, 8.2016, 2.6793

Monochromacy



Original Color

13.9759, 8.1952, 2.5955

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

7.7721, 6.3142, 4.9468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9759, 8.1952, 2.5955 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(152, 38, 37)` looks like.

```
.text, #text, p{  
    color:rgb(152, 38, 37)  
}
```

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(152, 38, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 38, 37) }
```

Border

The CSS property to change the border of an element to XYZ 13.9759, 8.1952, 2.5955 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(152, 38, 37) }
```


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

```
.border{ border-color:rgb(152, 38, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 38, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 38, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 38, 37);  
box-shadow:4px 4px 4px 4px rgb(152, 38,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9759, 8.1952, 2.5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 38, 37) }
```

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

```
.background{ background-color: rgb(152, 38,  
37) }
```

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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