

Converting Colors

XYZ(13.9449, 9.2032, 2.1408)

Have a look what the booklet for
XYZ(13.9449, 9.2032, 2.1408)
contains.

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Color

**XYZ(13.9702, 9.2058,
2.1392)**

Conversions

Conversions Part 1

Format	Color
Hex	95371C
RGB	149, 55, 28
RGB Percent	58%, 22%, 11%
CMY	0.4157, 0.7843, 0.8902
CMYK	0.00, 0.63, 0.81, 0.42
HSL	13°, 68%, 35%
HSV	13°, 81%, 58%
XYZ	13.9702, 9.2058, 2.1392
YIQ	80.0280, 64.6910, 11.5310

Conversions

Conversions Part 2

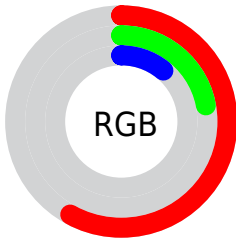
Format	Color
R_{YB}	149, 63, 28
Decimal	9778972
CIE _{Lab}	36.38, 38.11, 36.34
CIE _{LCh}	36, 52.655, 43.641
Yxy	9.2058, 0.5519, 0.3636
Android (android.graphics.Color)	4287969052 (0xFF95371C)
YUV	80.0280, -25.6498, 60.4884
Hunter-Lab	30.3411, 29.0915, 17.0585

Details

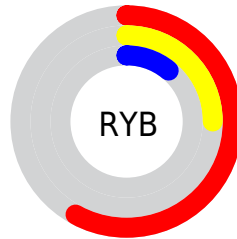
The XYZ color **13.9702, 9.2058, 2.1392** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.8625, 16.3344, 30.9084**, and the grayscale version is **7.6705, 8.0699, 8.7881**.

A 20% lighter version of the original color is **32.6846, 24.3578, 9.4574**, and **4.3144, 2.2241, 0.2019** is the 20% darker color. If you saturate the color by 10%, you get **13.3473, 8.1781, 1.2593**, and if you desaturate by 10%, it is **14.8109, 10.5278, 3.5274**.

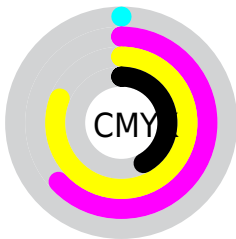
Distribution



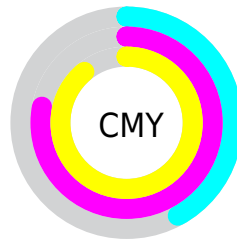
- Red (58%)
- Green (22%)
- Blue (11%)



- Red (58%)
- Yellow (25%)
- Blue (11%)



- Cyan (0%)
- Magenta (63%)
- Yellow (81%)
- Black (42%)



- Cyan (42%)
- Magenta (78%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9702, 9.2058, 2.1392 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 13.9702, 9.2058, 2.1392 by changing the saturation by 10% instead.


 13.9702, 9.2058,
2.1392


 13.9702, 9.2058,
2.1392


210.5597,
184.9058, 124.5021

 8.1815, 4.8757,
0.6390


 32.6228, 24.2906,
9.4180


 4.2641, 2.1745,
0.0000

 46.2175, 35.8140,
16.0688


 1.8526, 0.7060,
0.0000

 63.1449, 50.5039,
25.2853

 0.5491, 0.0000,
0.0000

 83.7703, 68.7449,
37.4861


 0.0000, 0.0000,
0.0000

 108.4591, 90.9211,
53.0896


 137.5767,


117.4171, 72.5144


 171.4885,
148.6172, 96.1791


 13.9702, 9.2058,
2.1392


 13.9702, 9.2058,
2.1392


 13.3473, 8.1781,
1.2593


 14.8109, 10.5278,
3.5274

 12.9453, 7.4914,
0.7637

 15.8884, 12.1638,
5.4869

 17.2204, 14.1334,
8.0718

 18.8225, 16.4540,
11.3299

 20.7091, 19.1420,
15.3042

■ 22.8934, 22.2124,
20.0342

■ 25.3878, 25.6797,
25.5564

■ 28.2041, 29.5575,
31.9050

■ 31.3533, 33.8587,
39.1121

Harmonies

Analogous

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



16.1497, 9.2058, 6.4311



13.9702, 9.2058, 2.1392



10.5899, 9.2058, 0.8527

Triad

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



13.9702, 9.2058, 2.1392



4.0921, 9.2058, 5.8518



10.2745, 9.2058, 38.5407

Complementary

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



13.9702, 9.2058, 2.1392



12.8625, 16.3344, 30.9084

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.



7.1363, 9.2058, 38.0147



13.9702, 9.2058, 2.1392



4.0469, 9.2058, 14.7532

Square

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



13.9702, 9.2058, 2.1392



5.1683, 9.2058, 1.9360



5.0251, 9.2058, 27.6464



13.6915, 9.2058, 28.8193

Rectangle

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



13.9702, 9.2058, 2.1392



8.3668, 9.2058, 0.7111



5.0251, 9.2058, 27.6464



9.1444, 9.2058, 39.6787

Sweetspot

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



13.9704, 9.2063, 2.1393



39.6564, 37.8994, 32.9476



16.3712, 8.6447, 19.4735



8.5079, 8.0048, 6.6942



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.



13.9704, 9.2063, 2.1393



23.2763, 13.5508, 1.5557



18.7024, 18.6702, 3.7167



5.8996, 6.0129, 6.0901



10.9147, 6.3438, 0.6492



0.1524, 0.1152, 0.0142

Inverse Universe

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



12.8625, 16.3344, 30.9084



20.9908, 26.3294, 54.8970



7.6418, 5.8930, 29.1682



5.8555, 6.3449, 7.3858



9.8200, 12.3348, 25.7943



0.1419, 0.1944, 0.3229

Previews

White Background



This preview shows how the XYZ color 13.9702, 9.2058, 2.1392 looks on a white background.

Color Contrast Check

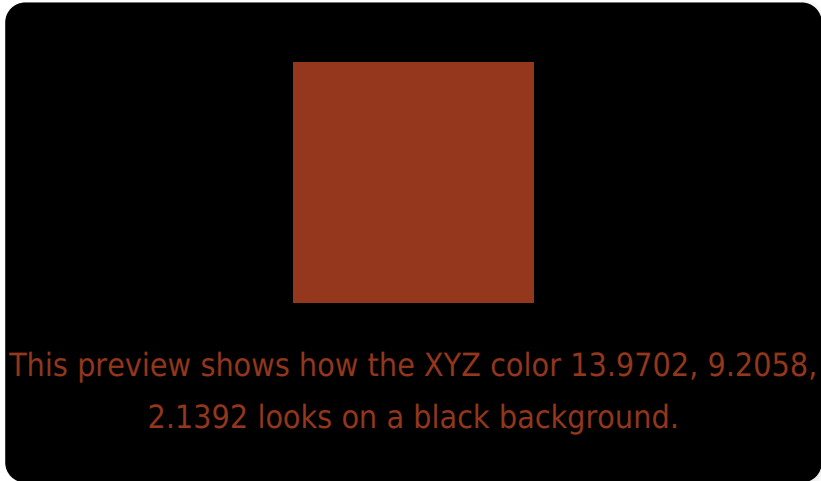
Large Text (above 18pt) WCAG AA ✓ Pass

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

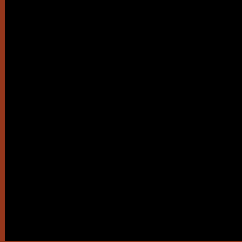
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9702, 9.2058, 2.1392

Background



This preview shows how black text looks on a background with the XYZ color 13.9702, 9.2058, 2.1392.



This preview shows how white text looks on a background with the XYZ color 13.9702, 9.2058,

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

13.9702, 9.2058, 2.1392

Protanopia

8.5660, 9.4368, 3.1203

Deuteranopia

9.4415, 9.3328, 1.9199



Tritanopia

14.4953, 9.2158, 4.6293

Trichromacy



Original Color

13.9702, 9.2058, 2.1392

Protanomaly

9.8750, 8.7925, 2.6900

Deuteranomaly

10.7744, 8.9777, 1.9241

Tritanomaly

14.3244, 9.2197, 3.5072

Monochromacy



Original Color

13.9702, 9.2058, 2.1392

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

8.9212, 7.8467, 5.4592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9702, 9.2058, 2.1392 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(149, 55, 28)` looks like.

```
.text, #text, p{  
    color:rgb(149, 55, 28)  
}
```

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(149, 55, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 55, 28) }
```

Border

The CSS property to change the border of an element to XYZ 13.9702, 9.2058, 2.1392 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(149, 55, 28) }
```


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

```
.border{ border-color:rgb(149, 55, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 55, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 55, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 55, 28);  
box-shadow:4px 4px 4px 4px rgb(149, 55,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9702, 9.2058, 2.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 55, 28) }
```

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

```
.background{ background-color: rgb(149, 55,  
28) }
```

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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