

Converting Colors

XYZ(13.6760, 9.9800, 4.3834)

Have a look what the booklet for
XYZ(13.6760, 9.9800, 4.3834)
contains.

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Color

**XYZ(13.5892, 9.9160,
4.3297)**

Conversions

Conversions Part 1

Format	Color
Hex	8D4333
RGB	141, 67, 51
RGB Percent	55%, 26%, 20%
CMY	0.4471, 0.7372, 0.8000
CMYK	0.00, 0.52, 0.64, 0.45
HSL	11°, 47%, 38%
HSV	11°, 64%, 55%
XYZ	13.5892, 9.9160, 4.3297
YIQ	87.3020, 49.2400, 10.7120

Conversions

Conversions Part 2

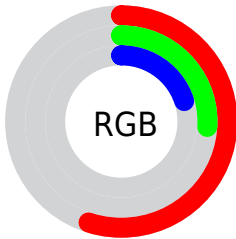
Format	Color
R_{YB}	141, 70, 51
Decimal	9257779
CIE Lab	37.69, 30.02, 24.31
CIE LCh	38, 38.628, 38.994
Yxy	9.9160, 0.4882, 0.3562
Android (android.graphics.Color)	4287447859 (0xFF8D4333)
YUV	87.3020, -17.8969, 47.0931
Hunter-Lab	31.4897, 21.9238, 13.8906

Details

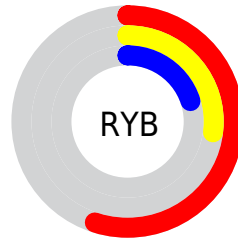
The XYZ color **13.5892, 9.9160, 4.3297** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **13.5061, 17.2932, 27.8253**, and the grayscale version is **9.1545, 9.6312, 10.4884**.

A 20% lighter version of the original color is **31.8546, 25.6102, 14.8196**, and **4.1035, 2.4573, 0.4303** is the 20% darker color. If you saturate the color by 10%, you get **12.7027, 8.5673, 2.7262**, and if you desaturate by 10%, it is **14.7085, 11.5795, 6.4762**.

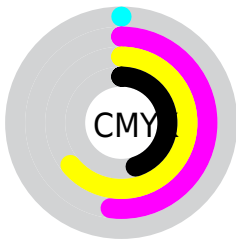
Distribution



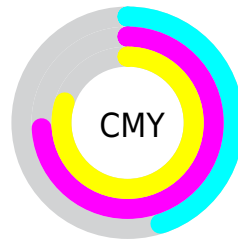
- Red (55%)
- Green (26%)
- Blue (20%)



- Red (55%)
- Yellow (27%)
- Blue (20%)



- Cyan (0%)
- Magenta (52%)
- Yellow (64%)
- Black (45%)




- Cyan (45%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.5892, 9.9160, 4.3297 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 13.5892, 9.9160, 4.3297 by changing the saturation by 10% instead.


 13.5892, 9.9160,
4.3297


 13.5892, 9.9160,
4.3297


208.2222,
190.0715, 151.8224


 7.9153, 5.3433,
1.8079


 31.9507, 25.6374,
14.7633


 4.0921, 2.4501,
0.4332

 45.3690, 37.5549,
23.5121


 1.7544, 0.8515,
0.0000

 62.0995, 52.6894,
35.1738

 0.4900, 0.0000,
0.0000

 82.5076, 71.4253,
50.1667

 0.0000, 0.0000,
0.0000

 106.9585, 94.1471,
68.9095

 135.8177,

121.2392, 91.8207

169.4505,
153.0858, 119.3188

■ 13.5892, 9.9160,
4.3297

■ 13.5892, 9.9160,
4.3297

■ 12.7027, 8.5673,
2.7262

■ 14.7085, 11.5795,
6.4762

■ 12.0311, 7.5117,
1.6160

■ 16.0753, 13.5745,
9.2083

■ 11.5548, 6.7270,
0.9393

■ 17.7036, 15.9184,
12.5653

■ 11.3337, 6.3611,
0.6305

■ 19.6065, 18.6268,
16.5826

■ 21.7960, 21.7146,
21.2931

■ 24.2834, 25.1956,
26.7273

■ 27.0794, 29.0830,
32.9142

■ 30.1941, 33.3895,
39.8810

■ 33.6374, 38.1270,
47.6535

Harmonies

Analogous

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



14.8969, 9.9160, 8.8187



13.5892, 9.9160, 4.3297



11.2198, 9.9160, 2.4561

Triad

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



13.5892, 9.9160, 4.3297



5.6700, 9.9160, 6.6405



10.1821, 9.9160, 30.4046

Complementary

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



13.5892, 9.9160, 4.3297



13.5061, 17.2932, 27.8253

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.



7.8323, 9.9160, 28.9680



13.5892, 9.9160, 4.3297



5.4898, 9.9160, 13.0507

Square

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



13.5892, 9.9160, 4.3297



6.7562, 9.9160, 3.3307



6.2122, 9.9160, 21.7302



12.7173, 9.9160, 25.0767

Rectangle

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



13.5892, 9.9160, 4.3297



9.5079, 9.9160, 2.1371



6.2122, 9.9160, 21.7302



9.3423, 9.9160, 30.7330

Sweetspot

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



13.5894, 9.9165, 4.3299



36.7815, 35.7176, 33.2706



15.9342, 9.5368, 20.7396



7.9992, 7.6725, 6.9679



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



13.5894, 9.9165, 4.3299



22.1225, 14.3679, 3.8192



17.2665, 17.2706, 5.5556



5.4816, 5.5696, 5.6755



10.3431, 5.8179, 0.5778



0.1105, 0.0789, 0.0094

Inverse Universe

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



13.5061, 17.2932, 27.8253



21.8798, 28.5524, 49.4859



9.1154, 8.5118, 26.3618



5.4798, 5.9555, 6.8895



10.0810, 13.1481, 24.9836



0.1102, 0.1533, 0.2435

Previews

White Background



This preview shows how the XYZ color 13.5892, 9.9160, 4.3297 looks on a white background.

Color Contrast Check

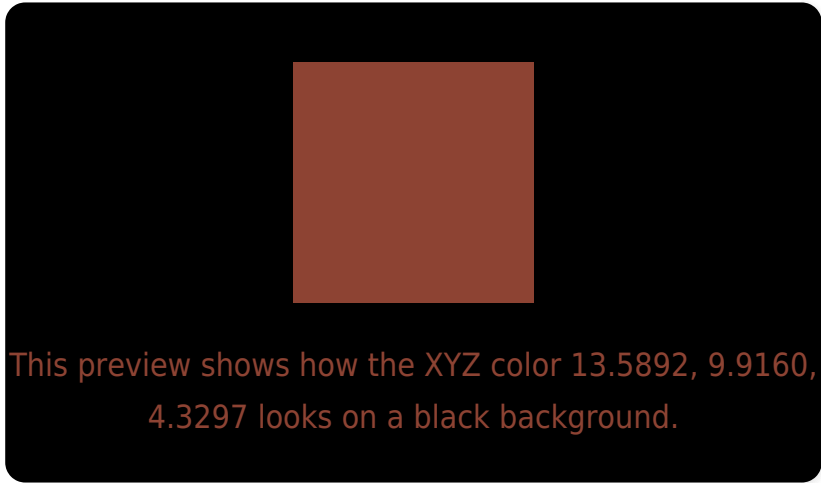
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.5892, 9.9160, 4.3297

Background



This preview shows how black text looks on a background with the XYZ color 13.5892, 9.9160, 4.3297.



This preview shows how white text looks on a background with the XYZ color 13.5892, 9.9160,

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

13.5892, 9.9160, 4.3297

Protanopia

9.2916, 10.0019, 5.5785

Deuteranopia

10.1920, 10.0172, 4.0857



Tritanopia

14.1198, 9.9610, 6.8087

Trichromacy



Original Color

13.5892, 9.9160, 4.3297

Protanomaly

10.4663, 9.6811, 5.0584

Deuteranomaly

11.1430, 9.7271, 4.0865

Tritanomaly

13.9730, 9.9950, 5.7502

Monochromacy



Original Color

13.5892, 9.9160, 4.3297

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.1681, 9.3575, 7.7488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5892, 9.9160, 4.3297 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(141, 67, 51)` looks like.

```
.text, #text, p{  
    color:rgb(141, 67, 51)  
}
```

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(141, 67, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 67, 51) }
```

Border

The CSS property to change the border of an element to XYZ 13.5892, 9.9160, 4.3297 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(141, 67, 51) }
```


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

```
.border{ border-color:rgb(141, 67, 51) }
```

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

Here you see how a box with a 4 pixel rgb(141, 67, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 67, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 67, 51);  
box-shadow:4px 4px 4px 4px rgb(141, 67,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5892, 9.9160, 4.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 67, 51) }
```

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

```
.background{ background-color: rgb(141, 67,  
51) }
```

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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