

Converting Colors

XYZ(14.4476, 13.2328, 9.5303)

Have a look what the booklet for
XYZ(14.4476, 13.2328, 9.5303)
contains.

XYZ(14.3900, 13.1887, 9.5718)	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(14.3900, 13.1887,
9.5718)**

Conversions

Conversions Part 1

Format	Color
Hex	805E51
RGB	128, 94, 81
RGB Percent	50%, 37%, 32%
CMY	0.4980, 0.6314, 0.6824
CMYK	0.00, 0.27, 0.37, 0.50
HSL	17°, 22%, 41%
HSV	17°, 37%, 50%
XYZ	14.3900, 13.1887, 9.5718
YIQ	102.6840, 24.4370, 3.1650

Conversions

Conversions Part 2

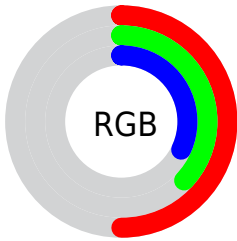
Format	Color
R_{YB}	128, 99, 81
Decimal	8412753
CIE Lab	43.05, 11.98, 12.88
CIE LCh	43, 17.586, 47.067
Yxy	13.1887, 0.3873, 0.3550
Android (android.graphics.Color)	4286602833 (0xFF805E51)
YUV	102.6840, -10.6902, 22.2021
Hunter-Lab	36.3162, 7.1756, 9.7944

Details

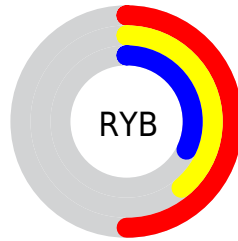
The XYZ color **14.3900, 13.1887, 9.5718** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.4201, 15.5687, 22.7198**, and the grayscale version is **12.8318, 13.5000, 14.7016**.

A 20% lighter version of the original color is **33.2939, 31.5033, 25.4451**, and **4.4360, 3.8191, 2.1724** is the 20% darker color. If you saturate the color by 10%, you get **13.1801, 11.4659, 7.0195**, and if you desaturate by 10%, it is **15.7899, 15.1465, 12.6342**.

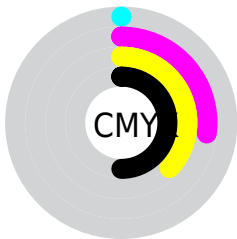
Distribution



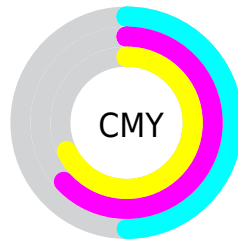
- Red (50%)
- Green (37%)
- Blue (32%)



- Red (50%)
- Yellow (39%)
- Blue (32%)



- Cyan (0%)
- Magenta (27%)
- Yellow (37%)
- Black (50%)





- Cyan (50%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3900, 13.1887, 9.5718 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 14.3900, 13.1887, 9.5718 by changing the saturation by 10% instead.


 14.3900, 13.1887,
9.5718


 14.3900, 13.1887,
9.5718


213.1061,
212.1235, 197.9605


 8.4759, 7.5586,
5.0141


 33.3600, 31.6424,
25.5820

 4.4553, 3.8138,
2.1967

 47.1466, 45.2348,
37.8716

 1.9628, 1.5700,
0.6724

 64.2880, 62.2500,
53.5757

 0.6129, 0.3372,
0.0000

 85.1497, 83.0726,
73.1126

 0.0000, 0.0000,
0.0000

 110.0971,
108.0868, 96.9010

139.4953,

137.6771, 125.3594

173.7099,
172.2279, 158.9064

■ 14.3900, 13.1887,
9.5718

■ 14.3900, 13.1887,
9.5718

■ 13.1801, 11.4659,
7.0195

■ 15.7899, 15.1465,
12.6342

■ 12.1505, 9.9672,
4.9485

■ 17.3868, 17.3460,
16.2318

■ 11.2924, 8.6837,
3.3282

■ 19.1885, 19.7958,
20.3888

■ 10.5955, 7.6051,
2.1245

■ 21.2022, 22.5036,
25.1280

■ 10.0484, 6.7199,
1.2978

■ 23.4346, 25.4767,
30.4707

■ 9.6327, 6.0136,
0.7737

■ 25.8921, 28.7222,
36.4372

■ 9.5153, 5.8157,
0.6210

■ 28.5811, 32.2469,
43.0467

■ 31.5073, 36.0573,
50.3179

■ 34.6766, 40.1596,
58.2684

Harmonies

Analogous

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



15.1872, 13.1887, 12.2851



14.3900, 13.1887, 9.5718



13.1261, 13.1887, 8.2598

Triad

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



14.3900, 13.1887, 9.5718



10.1696, 13.1887, 12.7582



13.3136, 13.1887, 22.7138

Complementary

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



14.3900, 13.1887, 9.5718



13.4201, 15.5687, 22.7198

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.



11.9628, 13.1887, 22.9029



14.3900, 13.1887, 9.5718



10.2119, 13.1887, 16.6569

Square

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



14.3900, 13.1887, 9.5718



10.7276, 13.1887, 9.8643



10.8475, 13.1887, 20.5269



14.5358, 13.1887, 20.0490

Rectangle

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



14.3900, 13.1887, 9.5718



12.2185, 13.1887, 8.1687



10.8475, 13.1887, 20.5269



12.8579, 13.1887, 23.0839

Sweetspot

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



14.3903, 13.1893, 9.5721



32.3003, 32.8421, 32.4539



14.9660, 11.7227, 17.8348



7.4800, 7.5772, 7.4083



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.3903, 13.1893, 9.5721



23.5461, 20.6767, 13.0642



16.7525, 17.9137, 10.3595



4.4171, 4.5230, 4.5603



9.4362, 5.7688, 0.6161



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.4201, 15.5687, 22.7198



21.5692, 25.4882, 39.7392



11.1140, 10.9565, 21.9511



4.3490, 4.6920, 5.4897



7.7102, 9.2389, 21.6269



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.3900, 13.1887, 9.5718 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 × Fail

Black Background



This preview shows how the XYZ color 14.3900, 13.1887, 9.5718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3900, 13.1887, 9.5718

Background



This preview shows how black text looks on a background with the XYZ color 14.3900, 13.1887, 9.5718.



This preview shows how white text looks on a background with the XYZ color 14.3900, 13.1887,

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

14.3900, 13.1887, 9.5718

Protanopia

12.5754, 13.3468, 10.5077

Deuteranopia

13.4234, 13.2365, 9.4368



Tritanopia

15.2377, 13.2820, 13.3158

Trichromacy



Original Color

14.3900, 13.1887, 9.5718

Protanomaly

13.1323, 13.2086, 10.2449

Deuteranomaly

13.7487, 13.2662, 9.4254

Tritanomaly

14.8994, 13.2685, 11.9010

Monochromacy



Original Color

14.3900, 13.1887, 9.5718

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.3048, 13.3853, 12.7089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3900, 13.1887, 9.5718 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(128, 94, 81)` looks like.

```
.text, #text, p{  
    color:rgb(128, 94, 81)  
}
```

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(128, 94, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 94, 81) }
```

Border

The CSS property to change the border of an element to XYZ 14.3900, 13.1887, 9.5718 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(128, 94, 81) }
```


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

```
.border{ border-color:rgb(128, 94, 81) }
```

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

Here you see how a box with a 4 pixel rgb(128, 94, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 94, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 94, 81);  
box-shadow:4px 4px 4px 4px rgb(128, 94,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3900, 13.1887, 9.5718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 94, 81) }
```

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

```
.background{ background-color: rgb(128, 94,  
81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor