

Converting Colors

XYZ(14.3229, 13.4268, 8.7659)

Have a look what the booklet for
XYZ(14.3229, 13.4268, 8.7659)
contains.

XYZ(14.4245, 13.4908, 8.8649)	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(14.4245, 13.4908,
8.8649)**

Conversions

Conversions Part 1

Format	Color
Hex	80604D
RGB	128, 96, 77
RGB Percent	50%, 38%, 30%
CMY	0.4980, 0.6235, 0.6980
CMYK	0.00, 0.25, 0.40, 0.50
HSL	22°, 25%, 40%
HSV	22°, 40%, 50%
XYZ	14.4245, 13.4908, 8.8649
YIQ	103.4020, 25.1710, 0.8750

Conversions

Conversions Part 2

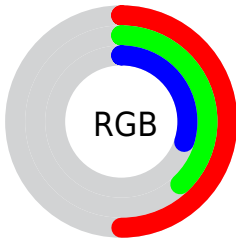
Format	Color
R_{YB}	128, 107, 77
Decimal	8413261
CIE _{Lab}	43.49, 10.26, 15.89
CIE _{LCh}	43, 18.918, 57.147
Yxy	13.4908, 0.3922, 0.3668
Android (android.graphics.Color)	4286603341 (0xFF80604D)
YUV	103.4020, -13.0162, 21.5724
Hunter-Lab	36.7298, 5.8231, 11.4010

Details

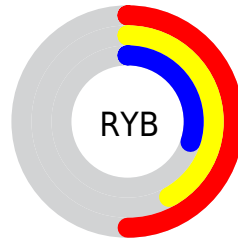
The XYZ color **14.4245, 13.4908, 8.8649** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.4252, 14.0729, 22.4834**, and the grayscale version is **13.0278, 13.7063, 14.9261**.

A 20% lighter version of the original color is **33.4910, 32.3189, 24.2117**, and **4.4757, 3.9688, 1.9690** is the 20% darker color. If you saturate the color by 10%, you get **13.3207, 11.9367, 6.4824**, and if you desaturate by 10%, it is **15.6928, 15.2315, 11.7413**.

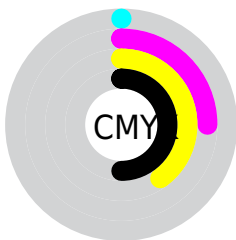
Distribution



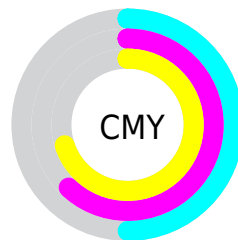
- Red (50%)
- Green (38%)
- Blue (30%)



- Red (50%)
- Yellow (42%)
- Blue (30%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (50%)





- Cyan (50%)
- Magenta (62%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4245, 13.4908, 8.8649 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 14.4245, 13.4908, 8.8649 by changing the saturation by 10% instead.


 14.4245, 13.4908,
8.8649


 14.4245, 13.4908,
8.8649


213.3141,
214.0396, 192.5477


 8.5002, 7.7674,
4.5576


 33.4204, 32.1828,
24.2109


 4.4711, 3.9465,
1.9359

 47.2226, 45.9201,
36.0867


 1.9720, 1.6437,
0.5155

 64.3816, 63.0975,
51.3223

 0.6181, 0.3868,
0.0000

 85.2626, 84.0994,
70.3364

 0.0000, 0.0000,
0.0000

 110.2310,
109.3101, 93.5474

139.6521,

139.1142, 121.3739

173.8914,
173.8959, 154.2345

■ 14.4245, 13.4908,
8.8649

■ 14.4245, 13.4908,
8.8649

■ 13.3207, 11.9367,
6.4824

■ 15.6928, 15.2315,
11.7413

■ 12.3729, 10.5607,
4.5648

■ 17.1316, 17.1631,
15.1370

■ 11.5734, 9.3564,
3.0810

■ 18.7476, 19.2921,
19.0765

■ 10.9130, 8.3163,
1.9957

■ 20.5471, 21.6242,
23.5823

■ 10.3817, 7.4322,
1.2682

■ 22.5360, 24.1647,
28.6760

■ 9.9528, 6.6889,
0.7723

■ 24.7198, 26.9188,
34.3778

■ 9.9465, 6.6782,
0.7648

■ 27.1038, 29.8915,
40.7071

■ 29.6931, 33.0877,
47.6821

■ 32.4928, 36.5120,
55.3207

Harmonies

Analogous

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



15.5172, 13.4908, 11.2842



14.4245, 13.4908, 8.8649



12.9644, 13.4908, 7.9754

Triad

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



14.4245, 13.4908, 8.8649



10.1920, 13.4908, 14.2884



14.1615, 13.4908, 23.1729

Complementary

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



14.4245, 13.4908, 8.8649



12.4252, 14.0729, 22.4834

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.



12.6819, 13.4908, 24.3934



14.4245, 13.4908, 8.8649



10.4595, 13.4908, 18.7183

Square

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



14.4245, 13.4908, 8.8649



10.5833, 13.4908, 10.7067



11.3439, 13.4908, 22.6290



15.3573, 13.4908, 19.5539

Rectangle

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



14.4245, 13.4908, 8.8649



12.0040, 13.4908, 8.2114



11.3439, 13.4908, 22.6290



13.6776, 13.4908, 23.9042

Sweetspot

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



14.4248, 13.4914, 8.8652



32.2866, 33.0224, 31.8093



14.3325, 11.0076, 15.9221



7.4884, 7.6385, 7.2739



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.



14.4248, 13.4914, 8.8652



23.5873, 21.2078, 11.6946



17.1033, 18.8484, 9.7580



4.4489, 4.5864, 4.5709



9.8640, 6.6244, 0.7588



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.4252, 14.0729, 22.4834



19.5342, 22.3693, 39.2444



10.1118, 9.4461, 21.7123



4.3159, 4.6259, 5.4787



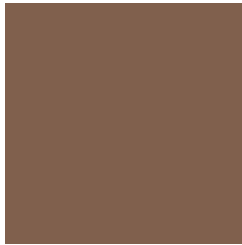
6.7315, 7.2815, 21.3006



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4245, 13.4908, 8.8649 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 14.4245, 13.4908, 8.8649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

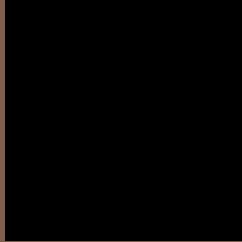
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4245, 13.4908, 8.8649

Background



This preview shows how black text looks on a background with the XYZ color 14.4245, 13.4908, 8.8649.



This preview shows how white text looks on a background with the XYZ color 14.4245, 13.4908,

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

14.4245, 13.4908, 8.8649

Protanopia

12.7286, 13.5947, 9.5426

Deuteranopia

13.7924, 13.5831, 8.7323



Tritanopia

15.4205, 13.4946, 13.8486

Trichromacy



Original Color

14.4245, 13.4908, 8.8649

Protanomaly

13.3046, 13.4608, 9.2941

Deuteranomaly

13.9844, 13.5423, 8.7143

Tritanomaly

14.9877, 13.4452, 11.9305

Monochromacy



Original Color

14.4245, 13.4908, 8.8649

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.2596, 13.3672, 12.4710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4245, 13.4908, 8.8649 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, 96, 77)` looks like.

```
.text, #text, p{  
    color:rgb(128, 96, 77)  
}
```

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, 96, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 96, 77) }
```

Border

The CSS property to change the border of an element to XYZ 14.4245, 13.4908, 8.8649 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, 96, 77) }
```


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

```
.border{ border-color:rgb(128, 96, 77) }
```

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

Here you see how a box with a 4 pixel rgb(128, 96, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 96, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 96, 77);  
box-shadow:4px 4px 4px 4px rgb(128, 96,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4245, 13.4908, 8.8649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 96, 77) }
```

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

```
.background{ background-color: rgb(128, 96,  
77) }
```

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