

Converting Colors

XYZ(14.0704, 13.4635, 9.4202)

Have a look what the booklet for
XYZ(14.0704, 13.4635, 9.4202)
contains.

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Color

**XYZ(14.0348, 13.4137,
9.4388)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6150
RGB	124, 97, 80
RGB Percent	49%, 38%, 31%
CMY	0.5137, 0.6196, 0.6863
CMYK	0.00, 0.22, 0.35, 0.51
HSL	23°, 22%, 40%
HSV	23°, 35%, 49%
XYZ	14.0348, 13.4137, 9.4388
YIQ	103.1350, 21.5490, 0.4370

Conversions

Conversions Part 2

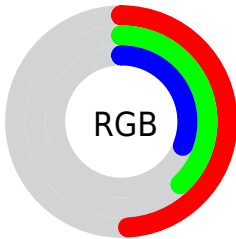
Format	Color
RYB	124, 108, 80
Decimal	8151376
CIELab	43.38, 8.33, 13.86
CIElCh	43, 16.174, 59.008
Yxy	13.4137, 0.3805, 0.3636
Android (android.graphics.Color)	4286341456 (0xFF7C6150)
YUV	103.1350, -11.4056, 18.2986
Hunter-Lab	36.6247, 4.3090, 10.3573

Details

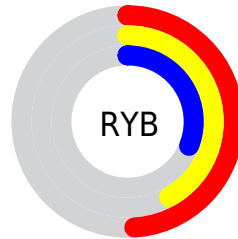
The XYZ color **14.0348, 13.4137, 9.4388** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.2037, 13.6754, 21.0650**, and the grayscale version is **12.9534, 13.6280, 14.8409**.

A 20% lighter version of the original color is **32.6838, 32.1119, 25.2445**, and **4.3112, 3.9448, 2.1243** is the 20% darker color. If you saturate the color by 10%, you get **12.9487, 11.9083, 7.0213**, and if you desaturate by 10%, it is **15.2736, 15.0890, 12.3248**.

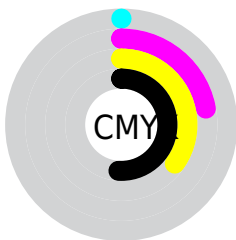
Distribution



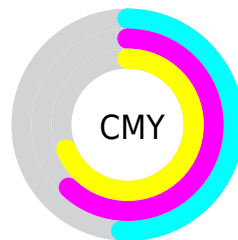
- Red (49%)
- Green (38%)
- Blue (31%)



- Red (49%)
- Yellow (42%)
- Blue (31%)



- Cyan (0%)
- Magenta (22%)
- Yellow (35%)
- Black (51%)





- Cyan (51%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0348, 13.4137, 9.4388 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 14.0348, 13.4137, 9.4388 by changing the saturation by 10% instead.


 14.0348, 13.4137,
9.4388


 14.0348, 13.4137,
9.4388


210.9535,
213.5523, 196.9554


 8.2267, 7.7140,
4.9278


 32.7365, 32.0450,
25.3255


 4.2934, 3.9125,
2.1470

 46.3609, 45.7455,
37.5384


 1.8694, 1.6247,
0.6435

 63.3214, 62.8817,
53.1555

 0.5590, 0.3742,
0.0000

 83.9834, 83.8380,
72.5956

 0.0000, 0.0000,
0.0000

 108.7122,
108.9988, 96.2770

137.8733,

138.7485, 124.6185

171.8319,
173.4715, 158.0384

■ 14.0348, 13.4137,
9.4388

■ 14.0348, 13.4137,
9.4388

■ 12.9487, 11.9083,
7.0213

■ 15.2736, 15.0890,
12.3248

■ 12.0078, 10.5654,
5.0462

■ 16.6701, 16.9378,
15.7017

■ 11.2053, 9.3796,
3.4863

■ 18.2306, 18.9657,
19.5915

■ 10.5334, 8.3444,
2.3108

■ 19.9604, 21.1777,
24.0145

■ 9.9834, 7.4529,
1.4847

■ 21.8648, 23.5783,
28.9901

■ 9.5422, 6.6961,
0.9504

■ 23.9486, 26.1722,
34.5366

■ 9.3657, 6.3923,
0.7402

■ 26.2167, 28.9636,
40.6714

■ 28.6735, 31.9567,
47.4112

■ 31.3236, 35.1557,
54.7721

Harmonies

Analogous

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



14.9820, 13.4137, 11.4992



14.0348, 13.4137, 9.4388



12.7912, 13.4137, 8.7200

Triad

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



14.0348, 13.4137, 9.4388



10.4822, 13.4137, 14.4857



13.9576, 13.4137, 21.5338

Complementary

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



14.0348, 13.4137, 9.4388



12.2037, 13.6754, 21.0650

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.



12.7075, 13.4137, 22.6769



14.0348, 13.4137, 9.4388



10.7502, 13.4137, 18.2256

Square

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



14.0348, 13.4137, 9.4388



10.7876, 13.4137, 11.3230



11.5448, 13.4137, 21.3788



14.9355, 13.4137, 18.4673

Rectangle

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



14.0348, 13.4137, 9.4388



11.9782, 13.4137, 8.9896



11.5448, 13.4137, 21.3788



13.5528, 13.4137, 22.1760

Sweetspot

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



14.0351, 13.4143, 9.4391



30.4594, 31.2746, 30.4093



13.8417, 11.0868, 15.3572



7.1043, 7.2753, 6.9897



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.0351, 13.4143, 9.4391



23.0503, 21.3255, 12.9284



16.3410, 18.0261, 10.2077



4.1135, 4.2455, 4.2272



9.5188, 6.4936, 0.7517



44.6344, 29.4323, 3.3285

Inverse Universe

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



12.2037, 13.6754, 21.0650



19.2919, 21.8518, 36.7577



10.2055, 9.6789, 20.3989



3.9831, 4.2646, 5.0564



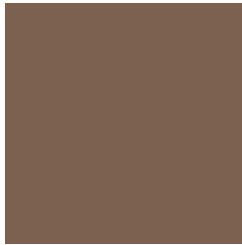
6.3289, 6.7403, 20.3527



29.3456, 30.4639, 96.8032

Previews

White Background



This preview shows how the XYZ color 14.0348, 13.4137, 9.4388 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 14.0348, 13.4137, 9.4388 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 14.0348, 13.4137, 9.4388

Background



This preview shows how black text looks on a background with the XYZ color 14.0348, 13.4137, 9.4388.



This preview shows how white text looks on a background with the XYZ color 14.0348, 13.4137,

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

14.0348, 13.4137, 9.4388

Protanopia

12.6194, 13.3785, 10.1008

Deuteranopia

13.6555, 13.4959, 9.4747



Tritanopia

14.9559, 13.3806, 14.1064

Trichromacy



Original Color

14.0348, 13.4137, 9.4388

Protanomaly

13.0196, 13.3009, 9.8638

Deuteranomaly

13.7008, 13.3795, 9.4498

Tritanomaly

14.5254, 13.3347, 12.1642

Monochromacy



Original Color

14.0348, 13.4137, 9.4388

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.2748, 13.5131, 12.7351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0348, 13.4137, 9.4388 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(124, 97, 80)` looks like.

```
.text, #text, p{  
    color:rgb(124, 97, 80)  
}
```

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(124, 97, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 97, 80) }
```

Border

The CSS property to change the border of an element to XYZ 14.0348, 13.4137, 9.4388 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(124, 97, 80) }
```


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

```
.border{ border-color:rgb(124, 97, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 97, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 97, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 97, 80);  
box-shadow:4px 4px 4px 4px rgb(124, 97,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0348, 13.4137, 9.4388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 97, 80) }
```

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

```
.background{ background-color: rgb(124, 97,  
80) }
```

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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