

Converting Colors

XYZ(44.8828, 40.1872, 21.3109)

Have a look what the booklet for
XYZ(44.8828, 40.1872, 21.3109)
contains.

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Color

**XYZ(44.8828, 40.1872,
21.3109)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9B72
RGB	222, 155, 114
RGB Percent	87%, 61%, 45%
CMY	0.1294, 0.3921, 0.5529
CMYK	0.00, 0.30, 0.49, 0.13
HSL	23°, 62%, 66%
HSV	23°, 49%, 87%
XYZ	44.8828, 40.1872, 21.3109
YIQ	170.3590, 53.0930, 1.4530

Conversions

Conversions Part 2

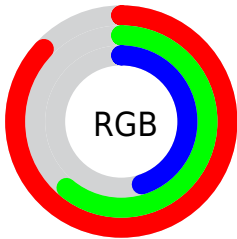
Format	Color
R_{YB}	222, 180, 114
Decimal	14588786
CIE _{Lab}	69.60, 20.38, 31.47
CIE _{LCh}	70, 37.494, 57.070
Yxy	40.1872, 0.4219, 0.3778
Android (android.graphics.Color)	4292778866 (0xFFDE9B72)
YUV	170.3590, -27.7850, 45.2892
Hunter-Lab	63.3934, 15.4404, 24.4439

Details

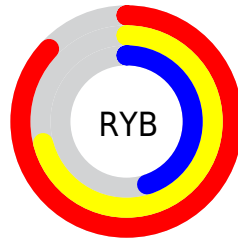
The XYZ color **44.8828, 40.1872, 21.3109** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.6473, 41.8972, 75.2625**, and the grayscale version is **38.5044, 40.5097, 44.1150**.

A 20% lighter version of the original color is **71.1695, 70.1064, 45.8572**, and **21.2143, 18.1748, 7.3910** is the 20% darker color. If you saturate the color by 10%, you get **41.6067, 35.4179, 14.7232**, and if you desaturate by 10%, it is **48.7289, 45.6059, 29.6022**.

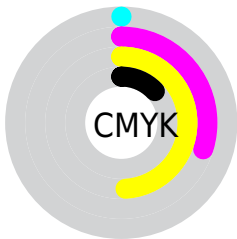
Distribution



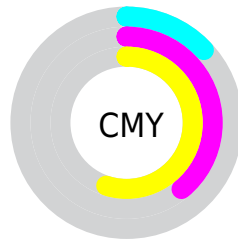
- Red (87%)
- Green (61%)
- Blue (45%)



- Red (87%)
- Yellow (71%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (49%)
- Black (13%)



- Cyan (13%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8828, 40.1872, 21.3109 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 44.8828, 40.1872, 21.3109 by changing the saturation by 10% instead.

44.8828, 40.1872,
21.3109

44.8828, 40.1872,
21.3109

357.0904,
346.9120, 271.7613

31.5660, 27.6845,
13.1580

81.7827, 75.4485,
46.4919

21.1842, 18.0880,
7.4054

106.0964, 98.9759,
64.3570

13.3719, 11.0132,
3.6347

134.8066,
126.9470, 86.2967

7.7639, 6.0757,
1.4271

168.2785,
159.7462, 112.7294

3.9948, 2.8912,
0.1627

206.8774,
197.7579, 144.0736

1.6992, 1.0752,
0.0000

250.9688,

0.4558, 0.0000,

241.3665, 180.7480

0.0000

300.9180,
290.9564, 223.1710

■ 0.0000, 0.0000,
0.0000

■ 44.8828, 40.1872,
21.3109

■ 44.8828, 40.1872,
21.3109

■ 41.6067, 35.4179,
14.7232

■ 48.7289, 45.6059,
29.6022

■ 38.8665, 31.2655,
9.7150

■ 53.1707, 51.6929,
39.7045

■ 36.6280, 27.7034,
6.1488


■ 58.2358, 58.4735,
51.7191


■ 34.8514, 24.6999,
3.8618


■ 63.9489, 65.9698,
65.7388


■ 33.4804, 22.2157,
2.6097

■ 70.3334, 74.2028,
81.8507

 33.3169, 21.9151,
2.4740

 77.4114, 83.1928,
100.1364

 82.7976, 91.9965,
108.0009

 83.9341, 94.2695,
108.3798

Harmonies

Analogous

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



49.5318, 40.1872, 30.2680



44.8828, 40.1872, 21.3109



38.7951, 40.1872, 18.1876

Triad

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



44.8828, 40.1872, 21.3109



27.7080, 40.1872, 42.0743



43.7445, 40.1872, 80.6756

Complementary

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



44.8828, 40.1872, 21.3109



36.6473, 41.8972, 75.2625

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.



37.6046, 40.1872, 86.2256



44.8828, 40.1872, 21.3109



28.7380, 40.1872, 60.7549

Square

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



44.8828, 40.1872, 21.3109



29.2333, 40.1872, 28.0168



32.2100, 40.1872, 78.1395



48.8273, 40.1872, 64.5044

Rectangle

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



44.8828, 40.1872, 21.3109



34.8797, 40.1872, 18.9931



32.2100, 40.1872, 78.1395



41.7177, 40.1872, 84.0044

Sweetspot

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



44.8838, 40.1892, 21.3117



82.3842, 83.5613, 77.2621



44.6265, 30.9585, 48.0967



17.2884, 17.4304, 15.6969



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



44.8838, 40.1892, 21.3117



57.0415, 48.6085, 20.3135



55.6199, 61.6614, 24.8904



14.1316, 14.5492, 14.3702



19.8887, 13.2154, 1.5026



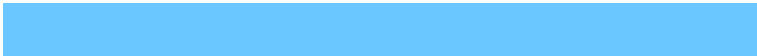
1.4630, 1.0849, 0.1323

Inverse Universe

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



36.6473, 41.8972, 75.2625



44.5134, 51.1278, 102.1303



27.8960, 24.3946, 72.3454



13.6566, 14.6523, 17.4961



13.3157, 14.1010, 43.0683



1.0085, 1.1484, 3.0138

Previews

White Background



This preview shows how the XYZ color 44.8828, 40.1872, 21.3109 looks on a white background.

Color Contrast Check

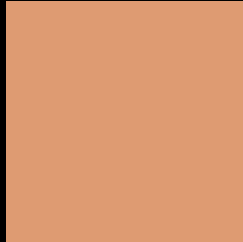
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.8828, 40.1872, 21.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

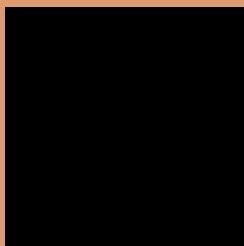
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8828, 40.1872, 21.3109

Background



This preview shows how black text looks on a background with the XYZ color 44.8828, 40.1872, 21.3109.



This preview shows how white text looks on a background with the XYZ color 44.8828, 40.1872,

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

44.8828, 40.1872, 21.3109

Protanopia

37.5321, 40.2959, 23.5690

Deuteranopia

41.1987, 40.3434, 20.9449



Tritanopia

48.4566, 40.2017, 38.4635

Trichromacy



Original Color

44.8828, 40.1872, 21.3109

Protanomaly

40.0139, 40.2240, 22.7946

Deuteranomaly

42.4154, 40.1827, 21.1433

Tritanomaly

47.0759, 40.1239, 31.2501

Monochromacy



Original Color

44.8828, 40.1872, 21.3109

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.9464, 39.9311, 34.4562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8828, 40.1872, 21.3109 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(222, 155, 114)` looks like.

```
.text, #text, p{  
    color:rgb(222, 155, 114)  
}
```

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(222, 155, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 155, 114) }
```

Border

The CSS property to change the border of an element to XYZ 44.8828, 40.1872, 21.3109 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(222, 155, 114) }
```


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

```
.border{ border-color:rgb(222, 155, 114) }
```

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

Here you see how a box with a 4 pixel rgb(222, 155, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 155, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 155, 114);  
box-shadow:4px 4px 4px 4px rgb(222, 155,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8828, 40.1872, 21.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 155, 114) }
```

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

```
.background{ background-color: rgb(222,  
155, 114) }
```

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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