

Converting Colors

XYZ(39.8926, 33.4000, 24.7714)

Have a look what the booklet for
XYZ(39.8926, 33.4000, 24.7714)
contains.

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Color

**XYZ(39.9933, 33.4469,
24.7701)**

Conversions

Conversions Part 1

Format	Color
Hex	D48980
RGB	212, 137, 128
RGB Percent	83%, 54%, 50%
CMY	0.1686, 0.4627, 0.4980
CMYK	0.00, 0.35, 0.40, 0.17
HSL	6°, 49%, 67%
HSV	6°, 40%, 83%
XYZ	39.9933, 33.4469, 24.7701
YIQ	158.3990, 47.5890, 13.1010

Conversions

Conversions Part 2

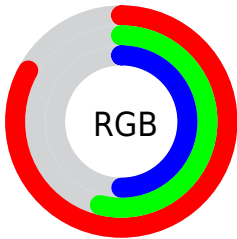
Format	Color
R _Y B	212, 138, 128
Decimal	13928832
CIE Lab	64.52, 27.60, 16.74
CIE LCh	65, 32.278, 31.235
Yxy	33.4469, 0.4072, 0.3406
Android (android.graphics.Color)	4292118912 (0xFFD48980)
YUV	158.3990, -14.9867, 47.0081
Hunter-Lab	57.8333, 22.2293, 15.0893

Details

The XYZ color **39.9933, 33.4469, 24.7701** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1407, 52.0523, 70.1133**, and the grayscale version is **32.7323, 34.4369, 37.5018**.

A 20% lighter version of the original color is **68.2113, 61.8578, 52.0607**, and **18.2566, 14.1887, 9.1736** is the 20% darker color. If you saturate the color by 10%, you get **36.2824, 28.0297, 17.3531**, and if you desaturate by 10%, it is **44.4695, 39.9279, 33.8811**.

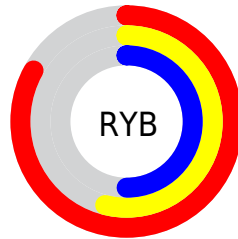
Distribution



Red (83%)

Green (54%)

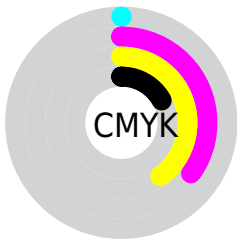
Blue (50%)



Red (83%)

Yellow (54%)

Blue (50%)

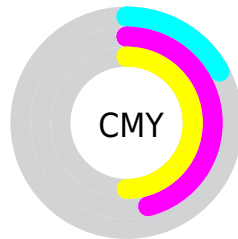


Cyan (0%)

Magenta (35%)

Yellow (40%)

Black (17%)



Cyan (17%)


Magenta (46%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9933, 33.4469, 24.7701 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 39.9933, 33.4469, 24.7701 by changing the saturation by 10% instead.


 39.9933, 33.4469,
24.7701


 39.9933, 33.4469,
24.7701


337.2302,
317.6587, 290.1020

 27.7175, 22.4690,
15.6884


 74.4377, 65.0726,
52.2435

 18.2522, 14.2019,
9.1520

 97.3370, 86.4893,
71.4723

 11.2320, 8.2612,
4.7423


 124.5083,
112.1543, 94.9205

 6.2915, 4.2626,
2.0408

156.3168,
142.4520, 123.0067

 3.0655, 1.8215,
0.5802

193.1278,
177.7670, 156.1494

 1.1885, 0.5005,
0.0000

235.3069,

 0.0973, 0.0000,

218.4835, 194.7671

0.0000

283.2192,
264.9859, 239.2785

■ 0.0000, 0.0000,
0.0000

■ 39.9933, 33.4469,
24.7701

■ 39.9933, 33.4469,
24.7701

■ 36.2824, 28.0297,
17.3531

■ 44.4695, 39.9279,
33.8811

■ 33.2912, 23.6148,
11.5236

■ 49.7479, 47.5202,
44.7797

■ 30.9733, 20.1419,
7.1659

■ 55.8662, 56.2743,
57.5553

■ 29.2757, 17.5421,
4.1479

■ 62.8590, 66.2363,
72.2903

■ 28.1373, 15.7372,
2.3137

■ 70.7588, 77.4497,
89.0626

■ 27.4710, 14.6293,
1.3989

■ 79.5643, 89.9429,
107.7750

■ 27.4523, 14.5990,
1.3710

■ 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



41.5079, 33.4469, 35.8732



39.9933, 33.4469, 24.7701



36.2524, 33.4469, 18.3807

Triad

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



39.9933, 33.4469, 24.7701



24.6318, 33.4469, 25.5108



31.9818, 33.4469, 68.1748

Complementary

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



39.9933, 33.4469, 24.7701



42.1407, 52.0523, 70.1133

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.



27.7102, 33.4469, 63.5321



39.9933, 33.4469, 24.7701



23.7217, 33.4469, 36.9682

Square

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



39.9933, 33.4469, 24.7701



27.4092, 33.4469, 18.7299



24.7934, 33.4469, 51.2421



36.6150, 33.4469, 62.7420

Rectangle

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



39.9933, 33.4469, 24.7701



33.1611, 33.4469, 16.6397



24.7934, 33.4469, 51.2421



30.4578, 33.4469, 67.7341

Sweetspot

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



39.9942, 33.4485, 24.7707



82.4044, 81.9746, 82.2853



45.7218, 33.7761, 60.9851



17.3686, 17.1609, 17.0491



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.



39.9942, 33.4485, 24.7707



55.6820, 43.4144, 27.4907



47.0478, 47.5559, 27.1220



12.5293, 12.6329, 12.9387



16.9834, 9.0840, 0.8583



1.0614, 0.6221, 0.0641

Inverse Universe

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



42.1407, 52.0523, 70.1133



59.3758, 75.6061, 106.0717



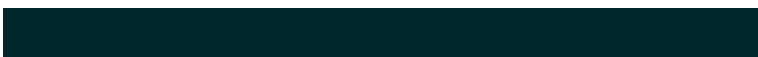
33.6360, 35.0429, 67.2784



12.6732, 13.8698, 15.9467



18.6516, 25.5650, 42.4047



1.1583, 1.6086, 2.5688

Previews

White Background



This preview shows how the XYZ color 39.9933, 33.4469, 24.7701 looks on a white background.

Color Contrast Check

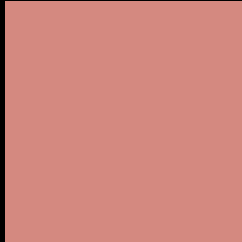
Large Text (above 18pt) WCAG AA × Fail

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 39.9933, 33.4469, 24.7701 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 39.9933, 33.4469, 24.7701

Background



This preview shows how black text looks on a background with the XYZ color 39.9933, 33.4469, 24.7701.



This preview shows how white text looks on a background with the XYZ color 39.9933, 33.4469,

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

39.9933, 33.4469, 24.7701

Protanopia

31.7858, 33.5044, 28.8365

Deuteranopia

34.2967, 33.6812, 24.0955



Tritanopia

41.2154, 33.5184, 31.0855

Trichromacy



Original Color

39.9933, 33.4469, 24.7701

Protanomaly

34.1066, 33.0399, 27.1340

Deuteranomaly

36.2929, 33.5335, 24.2984

Tritanomaly

40.9049, 33.6185, 28.7592

Monochromacy



Original Color

39.9933, 33.4469, 24.7701

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.5329, 33.3843, 32.2275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9933, 33.4469, 24.7701 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(212, 137, 128)` looks like.

```
.text, #text, p{  
    color:rgb(212, 137, 128)  
}
```

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(212, 137, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 137, 128) }
```

Border

The CSS property to change the border of an element to XYZ 39.9933, 33.4469, 24.7701 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(212, 137, 128) }
```


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

```
.border{ border-color:rgb(212, 137, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 137, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 137, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 137, 128);  
box-shadow:4px 4px 4px 4px rgb(212, 137,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9933, 33.4469, 24.7701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 137, 128) }
```

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

```
.background{ background-color: rgb(212,  
137, 128) }
```

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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