

Converting Colors

XYZ(37.7563, 32.3983, 24.9624)

Have a look what the booklet for
XYZ(37.7563, 32.3983, 24.9624)
contains.

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Color

**XYZ(37.9528, 32.5993,
25.0608)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8A81
RGB	204, 138, 129
RGB Percent	80%, 54%, 51%
CMY	0.2000, 0.4588, 0.4941
CMYK	0.00, 0.32, 0.37, 0.20
HSL	7°, 42%, 65%
HSV	7°, 37%, 80%
XYZ	37.9528, 32.5993, 25.0608
YIQ	156.7080, 42.2250, 11.1930

Conversions

Conversions Part 2

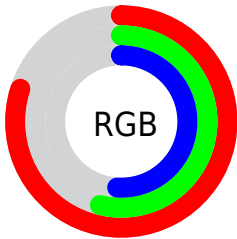
Format	Color
R_{YB}	204, 139, 129
Decimal	13404801
CIE _{Lab}	63.84, 24.07, 15.08
CIE _{LCh}	64, 28.406, 32.063
Yxy	32.5993, 0.3969, 0.3410
Android (android.graphics.Color)	4291594881 (0xFFCC8A81)
YUV	156.7080, -13.6600, 41.4751
Hunter-Lab	57.0958, 18.7351, 13.9432

Details

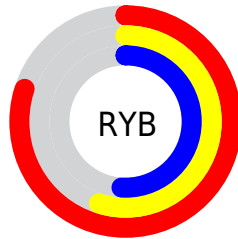
The XYZ color **37.9528, 32.5993, 25.0608** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.4667, 48.0552, 64.3224**, and the grayscale version is **31.9635, 33.6281, 36.6210**.

A 20% lighter version of the original color is **68.5331, 62.3367, 52.6761**, and **17.0689, 13.6915, 9.3325** is the 20% darker color. If you saturate the color by 10%, you get **34.3638, 27.3790, 17.8291**, and if you desaturate by 10%, it is **42.2399, 38.7824, 33.8614**.

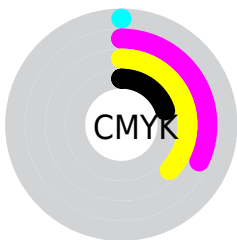
Distribution



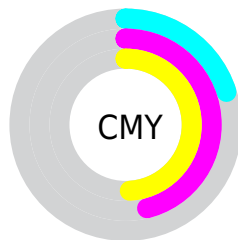
- Red (80%)
- Green (54%)
- Blue (51%)



- Red (80%)
- Yellow (55%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (37%)
- Black (20%)





- Cyan (20%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9528, 32.5993, 25.0608 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 37.9528, 32.5993, 25.0608 by changing the saturation by 10% instead.


 37.9528, 32.5993,
25.0608


 37.9528, 32.5993,
25.0608


328.7018,
313.8403, 291.5980


 26.1231, 21.8197,
15.9029


 71.3402, 63.7494,
52.7212

 17.0489, 13.7244,
9.3019


 93.6285, 84.8887,
72.0608

 10.3649, 7.9293,
4.8391


 120.1338,
110.2500, 95.6314

 5.7057, 4.0497,
2.0961

151.2214,
140.2177, 123.8515

 2.7059, 1.7014,
0.6134

187.2567,
175.1762, 157.1396

 1.0002, 0.4246,
0.0000


228.6049,


 0.0000, 0.0000,


215.5098, 195.9144


0.0000


275.6315,
261.6031, 240.5943


 37.9528, 32.5993,
25.0608


 37.9528, 32.5993,
25.0608


 34.3638, 27.3790,
17.8291


 42.2399, 38.7824,
33.8614


 31.4333, 23.0684,
12.0722


 47.2569, 45.9683,
44.3137


 29.1214, 19.6167,
7.6886

 53.0366, 54.2007,
56.4969

 27.3832, 16.9660,
4.5634

 59.6092, 63.5193,
70.4848

 26.1670, 15.0510,
2.5629

 67.0031, 73.9615,
86.3467

■ 25.4100, 13.7957,
1.5131

■ 75.2455, 85.5632,
104.1481

■ 25.2388, 13.5111,
1.2777

■ 78.7119, 91.5774,
108.1354

Harmonies

Analogous

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



39.3027, 32.5993, 34.7098



37.9528, 32.5993, 25.0608



34.7203, 32.5993, 19.4053

Triad

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



37.9528, 32.5993, 25.0608



24.6881, 32.5993, 26.1631



31.2617, 32.5993, 62.2964

Complementary

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



37.9528, 32.5993, 25.0608



39.4667, 48.0552, 64.3224

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.



27.5271, 32.5993, 58.6640



37.9528, 32.5993, 25.0608



23.9317, 32.5993, 36.2922

Square

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



37.9528, 32.5993, 25.0608



27.0872, 32.5993, 19.9391



24.9263, 32.5993, 48.4854



35.2391, 32.5993, 57.5650

Rectangle

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



37.9528, 32.5993, 25.0608



32.0563, 32.5993, 17.8759



24.9263, 32.5993, 48.4854



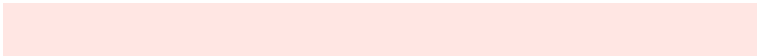
29.9372, 32.5993, 62.0113

Sweetspot

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



37.9536, 32.6009, 25.0614



83.4835, 83.5739, 84.3682



42.6309, 32.4896, 55.8025



17.5878, 17.4878, 17.4658



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.



37.9536, 32.6009, 25.0614



58.1167, 47.1050, 31.9363



44.2432, 45.1800, 27.1580



11.3190, 11.4270, 11.6885



15.9219, 8.5768, 0.8163



0.8584, 0.5165, 0.0545

Inverse Universe

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



39.4667, 48.0552, 64.3224



60.9553, 76.2663, 106.1159



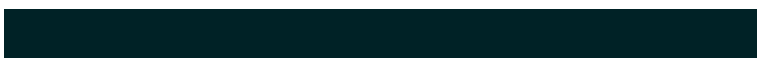
32.1369, 33.3956, 61.8791



11.4239, 12.4881, 14.3787



17.1158, 23.2557, 39.5430



0.9162, 1.2661, 2.0510

Previews

White Background



This preview shows how the XYZ color 37.9528, 32.5993, 25.0608 looks on a white background.

Color Contrast Check

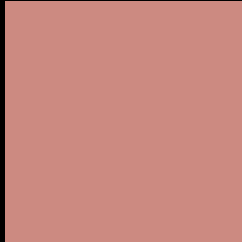
Large Text (above 18pt) WCAG AA × Fail

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 37.9528, 32.5993, 25.0608 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 37.9528, 32.5993, 25.0608

Background



This preview shows how black text looks on a background with the XYZ color 37.9528, 32.5993, 25.0608.



This preview shows how white text looks on a background with the XYZ color 37.9528, 32.5993,

25.0608.

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

37.9528, 32.5993, 25.0608

Protanopia

31.1370, 32.9302, 28.3820

Deuteranopia

33.4006, 32.7305, 24.6359



Tritanopia

39.4461, 32.8055, 31.4472

Trichromacy



Original Color

37.9528, 32.5993, 25.0608

Protanomaly

33.1820, 32.5632, 27.0907

Deuteranomaly

35.0079, 32.6281, 24.8748

Tritanomaly

38.8561, 32.7639, 29.0871

Monochromacy



Original Color

37.9528, 32.5993, 25.0608

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.6284, 32.9179, 32.1852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9528, 32.5993, 25.0608 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(204, 138, 129)` looks like.

```
.text, #text, p{  
    color:rgb(204, 138, 129)  
}
```

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(204, 138, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 138, 129) }
```

Border

The CSS property to change the border of an element to XYZ 37.9528, 32.5993, 25.0608 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(204, 138, 129) }
```


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

```
.border{ border-color:rgb(204, 138, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 138, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 138, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 138, 129);  
box-shadow:4px 4px 4px 4px rgb(204, 138,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9528, 32.5993, 25.0608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 138, 129) }
```

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

```
.background{ background-color: rgb(204,  
138, 129) }
```

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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