

Converting Colors

XYZ(37.7467, 32.2255, 27.5232)

Have a look what the booklet for
XYZ(37.7467, 32.2255, 27.5232)
contains.

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Color

**XYZ(37.7467, 32.2255,
27.5232)**

Conversions

Conversions Part 1

Format	Color
Hex	CA8988
RGB	202, 137, 136
RGB Percent	79%, 54%, 53%
CMY	0.2078, 0.4627, 0.4667
CMYK	0.00, 0.32, 0.33, 0.21
HSL	1°, 38%, 66%
HSV	1°, 33%, 79%
XYZ	37.7467, 32.2255, 27.5232
YIQ	156.3210, 39.0610, 13.4690

Conversions

Conversions Part 2

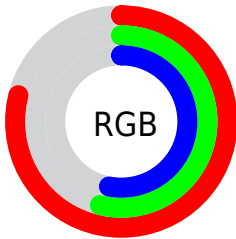
Format	Color
R _Y B	202, 137, 136
Decimal	13273480
CIE Lab	63.53, 24.73, 10.66
CIE LCh	64, 26.926, 23.326
Yxy	32.2255, 0.3872, 0.3305
Android (android.graphics.Color)	4291463560 (0xFFCA8988)
YUV	156.3210, -10.0183, 40.0605
Hunter-Lab	56.7675, 19.3477, 10.9910

Details

The XYZ color **37.7467, 32.2255, 27.5232** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6997, 51.2697, 63.5753**, and the grayscale version is **31.7753, 33.4300, 36.4053**.

A 20% lighter version of the original color is **69.0561, 62.1957, 56.5094**, and **16.8616, 13.4385, 10.5093** is the 20% darker color. If you saturate the color by 10%, you get **33.8724, 26.5618, 19.8040**, and if you desaturate by 10%, it is **42.4146, 39.0431, 36.8424**.

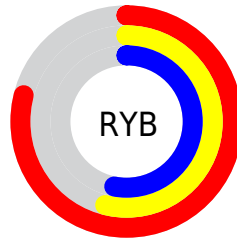
Distribution



Red (79%)

Green (54%)

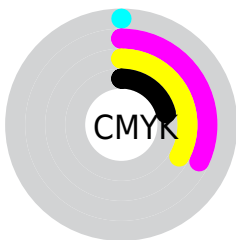
Blue (53%)



Red (79%)

Yellow (54%)

Blue (53%)

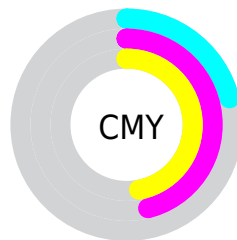


Cyan (0%)

Magenta (32%)

Yellow (33%)

Black (21%)



Cyan (21%)


Magenta (46%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7467, 32.2255, 27.5232 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 37.7467, 32.2255, 27.5232 by changing the saturation by 10% instead.


 37.7467, 32.2255,
27.5232


 37.7467, 32.2255,
27.5232


327.8318,
312.1452, 304.0214

 25.9625, 21.5338,
17.7306


 71.0261, 63.1644,
56.7362

 16.9281, 13.5147,
10.5893


 93.2521, 84.1805,
76.9937

 10.2782, 7.7839,
5.6807


 119.6892,
109.4067, 101.5767

 5.6475, 3.9570,
2.5863

150.7031,
139.2276, 130.9036

 2.6706, 1.6495,
0.8854

186.6589,
174.0275, 165.3930

 0.9820, 0.3907,
0.0000

227.9220,

 0.0000, 0.0000,

214.1908, 205.4634

0.0000

274.8579,
260.1019, 251.5334

■ 37.7467, 32.2255,
27.5232

■ 37.7467, 32.2255,
27.5232

■ 33.8724, 26.5618,
19.8040

■ 42.4146, 39.0431,
36.8424

■ 30.7452, 21.9839,
13.5931

■ 47.9141, 47.0687,
47.8424

■ 28.3178, 18.4238,
8.7924

■ 54.2838, 56.3582,
60.6011

■ 26.5363, 15.8038,
5.2916

■ 61.5592, 66.9632,
75.1906

■ 25.3391, 14.0351,
2.9637

■ 69.7737, 78.9319,
91.6794

■ 24.6526, 13.0118,
1.6567

■ 78.1671, 91.2965,
108.1099

■ 24.3905, 12.6233,
1.1510

Harmonies

Analogous

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



38.3720, 32.2255, 37.5458



37.7467, 32.2255, 27.5232



35.1457, 32.2255, 20.9832

Triad

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



37.7467, 32.2255, 27.5232



25.1975, 32.2255, 24.1335



29.7981, 32.2255, 59.8836

Complementary

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



37.7467, 32.2255, 27.5232



41.6997, 51.2697, 63.5753

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.



26.5176, 32.2255, 54.4153



37.7467, 32.2255, 27.5232



24.0053, 32.2255, 32.7400

Square

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



37.7467, 32.2255, 27.5232



27.8594, 32.2255, 19.3237



24.4682, 32.2255, 43.9258



33.5771, 32.2255, 57.6981

Rectangle

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



37.7467, 32.2255, 27.5232



32.7474, 32.2255, 18.7778



24.4682, 32.2255, 43.9258



28.6047, 32.2255, 58.8484

Sweetspot

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



37.7476, 32.2270, 27.5238



83.7185, 83.4765, 86.1954



43.8221, 34.4294, 60.2129



17.6049, 17.4089, 17.8201



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.



37.7476, 32.2270, 27.5238



59.2705, 47.7806, 37.3518



42.9892, 42.7103, 29.2710



11.2258, 11.2405, 11.6574



15.7009, 8.1348, 0.7426



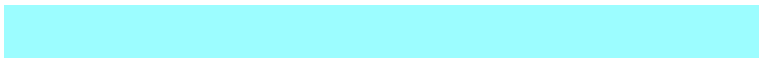
0.8149, 0.4295, 0.0399

Inverse Universe

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



41.6997, 51.2697, 63.5753



66.9524, 84.8011, 107.4472



35.0022, 37.8747, 61.3428



11.5281, 12.6966, 14.4135



19.9976, 29.0191, 40.5035



1.0364, 1.5066, 2.0911

Previews

White Background



This preview shows how the XYZ color 37.7467, 32.2255, 27.5232 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 37.7467, 32.2255, 27.5232 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 37.7467, 32.2255, 27.5232

Background



This preview shows how black text looks on a background with the XYZ color 37.7467, 32.2255, 27.5232.



This preview shows how white text looks on a background with the XYZ color 37.7467, 32.2255,

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

37.7467, 32.2255, 27.5232

Protanopia

30.9645, 32.5265, 31.4343

Deuteranopia

32.7975, 32.1311, 27.0276



Tritanopia

38.4809, 32.0998, 31.3618

Trichromacy



Original Color

37.7467, 32.2255, 27.5232

Protanomaly

33.1516, 32.2468, 30.0682

Deuteranomaly

34.3540, 32.0101, 27.2896

Tritanomaly

38.3152, 32.2578, 29.7981

Monochromacy



Original Color

37.7467, 32.2255, 27.5232

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.4058, 32.5491, 32.9557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7467, 32.2255, 27.5232 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(202, 137, 136)` looks like.

```
.text, #text, p{  
    color:rgb(202, 137, 136)  
}
```

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(202, 137, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 137, 136) }
```

Border

The CSS property to change the border of an element to XYZ 37.7467, 32.2255, 27.5232 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(202, 137, 136) }
```


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

```
.border{ border-color:rgb(202, 137, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 137, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 137, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 137, 136);  
box-shadow:4px 4px 4px 4px rgb(202, 137,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7467, 32.2255, 27.5232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 137, 136) }
```

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

```
.background{ background-color: rgb(202,  
137, 136) }
```

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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