

Converting Colors

XYZ(37.3967, 32.6361, 23.5065)

Have a look what the booklet for
XYZ(37.3967, 32.6361, 23.5065)
contains.

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Color

**XYZ(37.2278, 32.4770,
23.3754)**

Conversions

Conversions Part 1

Format	Color
Hex	CA8B7C
RGB	202, 139, 124
RGB Percent	79%, 55%, 49%
CMY	0.2078, 0.4549, 0.5137
CMYK	0.00, 0.31, 0.39, 0.21
HSL	12°, 42%, 64%
HSV	12°, 39%, 79%
XYZ	37.2278, 32.4770, 23.3754
YIQ	156.1270, 42.3630, 8.6910

Conversions

Conversions Part 2

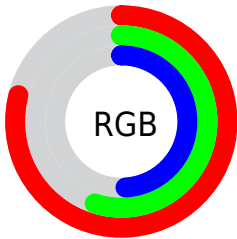
Format	Color
R _Y B	202, 143, 124
Decimal	13273980
CIE Lab	63.74, 22.14, 17.72
CIE LCh	64, 28.360, 38.665
Yxy	32.4770, 0.4000, 0.3489
Android (android.graphics.Color)	4291464060 (0xFFCA8B7C)
YUV	156.1270, -15.8386, 40.2306
Hunter-Lab	56.9886, 16.8751, 15.5726

Details

The XYZ color **37.2278, 32.4770, 23.3754** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.7425, 44.0883, 62.4504**, and the grayscale version is **31.7126, 33.3641, 36.3335**.

A 20% lighter version of the original color is **68.2458, 62.5743, 50.0761**, and **16.6138, 13.5984, 8.4057** is the 20% darker color. If you saturate the color by 10%, you get **33.8904, 27.6414, 16.5929**, and if you desaturate by 10%, it is **41.1811, 38.1255, 31.6548**.

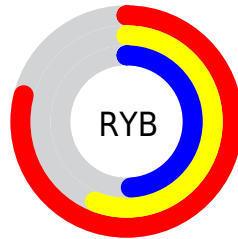
Distribution



Red (79%)

Green (55%)

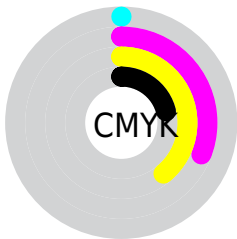
Blue (49%)



Red (79%)

Yellow (56%)

Blue (49%)

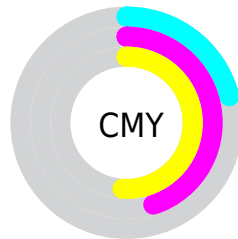


Cyan (0%)

Magenta (31%)

Yellow (39%)

Black (21%)



Cyan (21%)


Magenta (45%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2278, 32.4770, 23.3754 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 37.2278, 32.4770, 23.3754 by changing the saturation by 10% instead.


 37.2278, 32.4770,
23.3754


 37.2278, 32.4770,
23.3754

325.6342,
313.2864, 282.8315


 25.5584, 21.7261,
14.6630


 70.2346, 63.5581,
49.9400

 16.6245, 13.6558,
8.4393


 92.3026, 84.6571,
68.6293

 10.0608, 7.8816,
4.2855


 118.5676,
109.9743, 91.4813

 5.5019, 4.0193,
1.7832

149.3949,
139.8941, 118.9147

 2.5824, 1.6844,
0.4169

185.1499,
174.8007, 151.3478

 0.9370, 0.4135,
0.0000

226.1978,

 0.0000, 0.0000,

215.0788, 189.1993

0.0000

272.9041,
261.1125, 232.8876

■ 37.2278, 32.4770,
23.3754

■ 37.2278, 32.4770,
23.3754

■ 33.8904, 27.6414,
16.5929

■ 41.1811, 38.1255,
31.6548

■ 31.1347, 23.5763,
11.2156

■ 45.7772, 44.6172,
41.5115

■ 28.9270, 20.2428,
7.1443


■ 51.0441, 51.9868,
53.0227


■ 27.2288, 17.5964,
4.2662


■ 57.0078, 60.2653,
66.2596


■ 25.9964, 15.5877,
2.4493


■ 63.6927, 69.4825,
81.2895

 25.1695, 14.1568,
1.4864

 71.1219, 79.6666,
98.1760

 25.0779, 13.9982,
1.3802

 77.5972, 90.1567,
107.9199

 78.1671, 91.2965,
108.1099

Harmonies

Analogous

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



39.0559, 32.4770, 32.1662



37.2278, 32.4770, 23.3754



33.7329, 32.4770, 18.6429

Triad

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



37.2278, 32.4770, 23.3754



24.2835, 32.4770, 27.9824



32.0341, 32.4770, 61.7096

Complementary

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



37.2278, 32.4770, 23.3754



36.7425, 44.0883, 62.4504

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.



28.1709, 32.4770, 59.9154



37.2278, 32.4770, 23.3754



23.9135, 32.4770, 38.7627

Square

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



37.2278, 32.4770, 23.3754



26.3361, 32.4770, 20.8785



25.2779, 32.4770, 50.8730



35.8930, 32.4770, 55.3504

Rectangle

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



37.2278, 32.4770, 23.3754



31.0468, 32.4770, 17.6849



25.2779, 32.4770, 50.8730



30.6907, 32.4770, 62.0637

Sweetspot

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



37.2286, 32.4786, 23.3760



83.1254, 83.4167, 82.5256



40.6097, 30.5901, 51.1717



17.5370, 17.4976, 17.1052



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.



37.2286, 32.4786, 23.3760



58.4224, 48.3196, 30.1785



43.7768, 45.5749, 25.5588



11.3841, 11.5572, 11.7102



16.1869, 9.1068, 0.9046



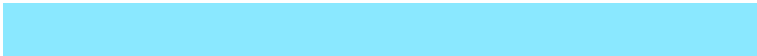
0.8884, 0.5766, 0.0645

Inverse Universe

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



36.7425, 44.0883, 62.4504



57.4611, 70.5567, 105.1980



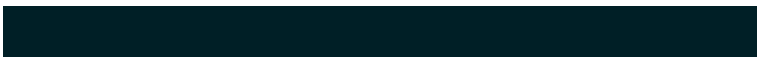
29.6732, 29.9498, 60.0940



11.3528, 12.3459, 14.3550



15.3666, 19.7572, 38.9599



0.8411, 1.1159, 2.0260

Previews

White Background



This preview shows how the XYZ color 37.2278, 32.4770, 23.3754 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 37.2278, 32.4770, 23.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

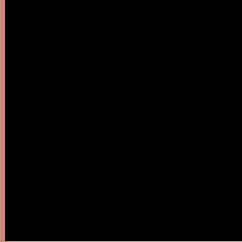
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2278, 32.4770, 23.3754

Background



This preview shows how black text looks on a background with the XYZ color 37.2278, 32.4770, 23.3754.



This preview shows how white text looks on a background with the XYZ color 37.2278, 32.4770,

23.3754.

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

37.2278, 32.4770, 23.3754

Protanopia

30.7566, 32.5364, 26.1318

Deuteranopia

33.3164, 32.7238, 22.9727



Tritanopia

38.8943, 32.5210, 31.4214

Trichromacy



Original Color

37.2278, 32.4770, 23.3754

Protanomaly

32.7752, 32.4005, 24.9486

Deuteranomaly

34.6868, 32.4997, 23.1838

Tritanomaly

38.1617, 32.4228, 28.2916

Monochromacy



Original Color

37.2278, 32.4770, 23.3754

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.1740, 32.7105, 30.9509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2278, 32.4770, 23.3754 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, 139, 124)` looks like.

```
.text, #text, p{  
    color:rgb(202, 139, 124)  
}
```

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, 139, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 139, 124) }
```

Border

The CSS property to change the border of an element to XYZ 37.2278, 32.4770, 23.3754 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, 139, 124) }
```


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

```
.border{ border-color:rgb(202, 139, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 139, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 139, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 139, 124);  
box-shadow:4px 4px 4px 4px rgb(202, 139,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2278, 32.4770, 23.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 139, 124) }
```

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

```
.background{ background-color: rgb(202,  
139, 124) }
```

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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