

Converting Colors

XYZ(37.5741, 32.5190, 18.8039)

Have a look what the booklet for
XYZ(37.5741, 32.5190, 18.8039)
contains.

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Color

**XYZ(37.5809, 32.5465,
18.7694)**

Conversions

Conversions Part 1

Format	Color
Hex	CF8A6D
RGB	207, 138, 109
RGB Percent	81%, 54%, 43%
CMY	0.1882, 0.4588, 0.5725
CMYK	0.00, 0.33, 0.47, 0.19
HSL	18°, 51%, 62%
HSV	18°, 47%, 81%
XYZ	37.5809, 32.5465, 18.7694
YIQ	155.3250, 50.4330, 5.6090

Conversions

Conversions Part 2

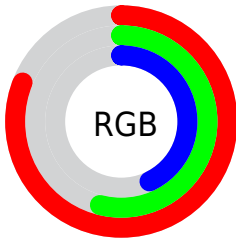
Format	Color
R _Y B	207, 150, 109
Decimal	13601389
CIE Lab	63.79, 23.05, 26.26
CIE LCh	64, 34.946, 48.727
Yxy	32.5465, 0.4227, 0.3661
Android (android.graphics.Color)	4291791469 (0xFFCF8A6D)
YUV	155.3250, -22.8382, 45.3190
Hunter-Lab	57.0495, 17.7487, 20.4282

Details

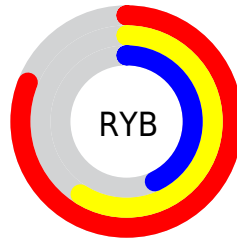
The XYZ color **37.5809, 32.5465, 18.7694** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **33.4887, 39.5952, 64.9088**, and the grayscale version is **31.3829, 33.0173, 35.9558**.

A 20% lighter version of the original color is **66.5227, 61.5325, 42.0890**, and **16.8282, 13.6373, 6.1602** is the 20% darker color. If you saturate the color by 10%, you get **34.6427, 28.2484, 12.9247**, and if you desaturate by 10%, it is **41.0637, 37.5140, 26.0908**.

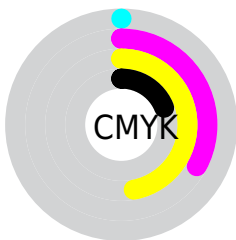
Distribution



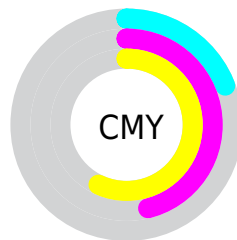
- Red (81%)
- Green (54%)
- Blue (43%)



- Red (81%)
- Yellow (59%)
- Blue (43%)



- Cyan (0%)
- Magenta (33%)
- Yellow (47%)
- Black (19%)





- Cyan (19%)
- Magenta (46%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5809, 32.5465, 18.7694 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 37.5809, 32.5465, 18.7694 by changing the saturation by 10% instead.


 37.5809, 32.5465,
18.7694


 37.5809, 32.5465,
18.7694

327.1307,
313.6013, 257.5529


 25.8333, 21.7793,
11.3286

 70.7734, 63.6669,
42.1756


 16.8310, 13.6948,
6.1714


 92.9489, 84.7888,
58.9781

 10.2086, 7.9087,
2.8791


 119.3312,
110.1310, 79.7382

 5.6008, 4.0366,
1.0332

 150.2856,
140.0780, 104.8746

 2.6423, 1.6940,
0.0000

186.1774,
175.0141, 134.8057

 0.9675, 0.4198,
0.0000

227.3719,

 0.0000, 0.0000,

215.3238, 169.9501

0.0000

274.2346,
261.3914, 210.7263

■ 37.5809, 32.5465,
18.7694

■ 37.5809, 32.5465,
18.7694

■ 34.6427, 28.2484,
12.9247

■ 41.0637, 37.5140,
26.0908

■ 32.2169, 24.5850,
8.4527

■ 45.1161, 43.1737,
34.9794

■ 30.2713, 21.5261,
5.2384


■ 49.7642, 49.5533,
45.5206

■ 28.7683, 19.0361,
3.1472


■ 55.0320, 56.6774,
57.7931

■ 27.6604, 17.0739,
1.9957


■ 60.9417, 64.5695,
71.8705

 27.4150, 16.6312,
1.7652

 67.5148, 73.2521,
87.8222

 74.7715, 82.7466,
105.7137

 79.4124, 91.7460,
108.1310

 79.5420, 92.0053,
108.1742

Harmonies

Analogous

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



40.7517, 32.5465, 27.4553



37.5809, 32.5465, 18.7694



32.8147, 32.5465, 15.0031

Triad

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



37.5809, 32.5465, 18.7694



22.5778, 32.5465, 30.4161



34.0617, 32.5465, 67.6596

Complementary

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



37.5809, 32.5465, 18.7694



33.4887, 39.5952, 64.9088

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.



29.1275, 32.5465, 69.0675



37.5809, 32.5465, 18.7694



22.8359, 32.5465, 44.8341

Square

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



37.5809, 32.5465, 18.7694



24.3749, 32.5465, 20.4417



25.1219, 32.5465, 59.8555



38.5764, 32.5465, 56.4035

Rectangle

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



37.5809, 32.5465, 18.7694



29.5258, 32.5465, 14.8859



25.1219, 32.5465, 59.8555



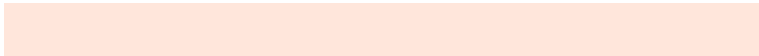
32.3873, 32.5465, 69.3933

Sweetspot

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



37.5817, 32.5481, 18.7700



82.3253, 82.9094, 78.8892



39.3611, 27.4670, 45.9988



17.2402, 17.2289, 16.0049



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.



37.5817, 32.5481, 18.7700



55.3726, 45.0524, 20.4297



46.0022, 49.3891, 21.5769



12.0898, 12.3704, 12.3626



17.3450, 10.6229, 1.1362



1.0389, 0.7321, 0.0866

Inverse Universe

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



33.4887, 39.5952, 64.9088



47.9757, 57.5900, 103.1951



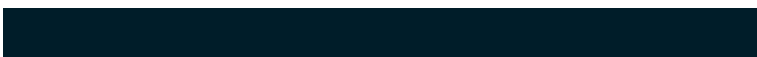
25.5831, 23.7839, 62.2736



11.8506, 12.7915, 15.0881



13.6320, 15.9106, 39.5451



0.8294, 1.0240, 2.2335

Previews

White Background



This preview shows how the XYZ color 37.5809, 32.5465, 18.7694 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 37.5809, 32.5465, 18.7694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

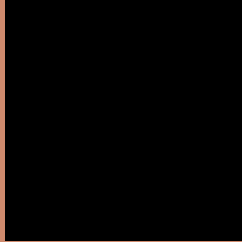
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5809, 32.5465, 18.7694

Background



This preview shows how black text looks on a background with the XYZ color 37.5809, 32.5465, 18.7694.



This preview shows how white text looks on a background with the XYZ color 37.5809, 32.5465,

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

37.5809, 32.5465, 18.7694

Protanopia

30.5996, 32.8106, 21.2433

Deuteranopia

33.2513, 32.5556, 18.4412



Tritanopia

39.9238, 32.4599, 30.1478

Trichromacy



Original Color

37.5809, 32.5465, 18.7694

Protanomaly

32.7841, 32.5109, 20.1701

Deuteranomaly

34.6724, 32.3667, 18.6073

Tritanomaly

39.0552, 32.5219, 25.6917

Monochromacy



Original Color

37.5809, 32.5465, 18.7694

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.7905, 32.3285, 28.5565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5809, 32.5465, 18.7694 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(207, 138, 109)` looks like.

```
.text, #text, p{  
    color:rgb(207, 138, 109)  
}
```

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(207, 138, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 138, 109) }
```

Border

The CSS property to change the border of an element to XYZ 37.5809, 32.5465, 18.7694 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(207, 138, 109) }
```


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

```
.border{ border-color:rgb(207, 138, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 138, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 138, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 138, 109);  
box-shadow:4px 4px 4px 4px rgb(207, 138,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5809, 32.5465, 18.7694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 138, 109) }
```

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

```
.background{ background-color: rgb(207,  
138, 109) }
```

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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