

Converting Colors

XYZ(40.0409, 37.5842, 25.9130)

Have a look what the booklet for
XYZ(40.0409, 37.5842, 25.9130)
contains.

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Color

**XYZ(40.0409, 37.5842,
25.9130)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9B81
RGB	202, 155, 129
RGB Percent	79%, 61%, 51%
CMY	0.2078, 0.3921, 0.4941
CMYK	0.00, 0.23, 0.36, 0.21
HSL	21°, 41%, 65%
HSV	21°, 36%, 79%
XYZ	40.0409, 37.5842, 25.9130
YIQ	166.0890, 36.3580, 1.8780

Conversions

Conversions Part 2

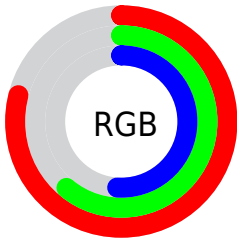
Format	Color
R _Y B	202, 169, 129
Decimal	13278081
CIE Lab	67.71, 13.99, 20.39
CIE LCh	68, 24.729, 55.547
Yxy	37.5842, 0.3867, 0.3630
Android (android.graphics.Color)	4291468161 (0xFFCA9B81)
YUV	166.0890, -18.2849, 31.4939
Hunter-Lab	61.3060, 9.2987, 17.8533

Details

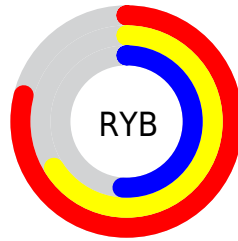
The XYZ color **40.0409, 37.5842, 25.9130** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.2388, 39.9807, 61.7369**, and the grayscale version is **36.3627, 38.2563, 41.6612**.

A 20% lighter version of the original color is **72.7301, 70.7306, 54.0750**, and **18.2523, 16.5908, 9.8298** is the 20% darker color. If you saturate the color by 10%, you get **36.7799, 33.0027, 18.8437**, and if you desaturate by 10%, it is **43.8024, 42.7417, 34.4595**.

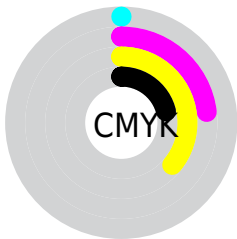
Distribution



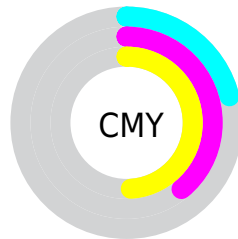
- Red (79%)
- Green (61%)
- Blue (51%)



- Red (79%)
- Yellow (66%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (36%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0409, 37.5842, 25.9130 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 40.0409, 37.5842, 25.9130 by changing the saturation by 10% instead.


 40.0409, 37.5842,
25.9130


 40.0409, 37.5842,
25.9130

337.4274,
335.8329, 295.9466


 27.7548, 25.6601,
16.5334


 74.5097, 71.4704,
54.1169

 18.2804, 16.5696,
9.7439


 97.4232, 94.2013,
73.7783

 11.2524, 9.9281,
5.1261


 124.6098,
121.3032, 97.7040

 6.3054, 5.3513,
2.2614

156.4348,
153.1607, 126.3126

 3.0741, 2.4548,
0.7095

193.2638,
190.1580, 160.0226

 1.1931, 0.8539,
0.0000

235.4620,

 0.1009, 0.0000,

232.6795, 199.2526

0.0000

283.3947,
281.1097, 244.4211

■ 0.0000, 0.0000,
0.0000

■ 40.0409, 37.5842,
25.9130

■ 40.0409, 37.5842,
25.9130

■ 36.7799, 33.0027,
18.8437

■ 43.8024, 42.7417,
34.4595

■ 33.9934, 28.9707,
13.1639

■ 48.0830, 48.4896,
44.5592

■ 31.6573, 25.4678,
8.7806

■ 52.9037, 54.8485,
56.2856

■ 29.7438, 22.4697,
5.5876

■ 58.2835, 61.8363,
69.7069

■ 28.2215, 19.9500,
3.4620

■ 64.2405, 69.4702,
84.8872

■ 27.0523, 17.8785,
2.2491

■ 70.7917, 77.7667,
101.8875

■ 26.6717, 17.1857,
1.9114

■ 75.3736, 85.7096,
107.1787

■ 78.1671, 91.2966,
108.1099

Harmonies

Analogous

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



42.7674, 37.5842, 32.5053



40.0409, 37.5842, 25.9130



36.2959, 37.5842, 23.3300

Triad

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



40.0409, 37.5842, 25.9130



28.8891, 37.5842, 39.3114



38.9846, 37.5842, 62.9856

Complementary

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



40.0409, 37.5842, 25.9130



35.2388, 39.9807, 61.7369

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.



35.1555, 37.5842, 65.6800



40.0409, 37.5842, 25.9130



29.4974, 37.5842, 50.6808

Square

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



40.0409, 37.5842, 25.9130



30.0021, 37.5842, 30.1392



31.7266, 37.5842, 60.8336



42.1277, 37.5842, 54.0133

Rectangle

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



40.0409, 37.5842, 25.9130



33.7900, 37.5842, 23.8189



31.7266, 37.5842, 60.8336



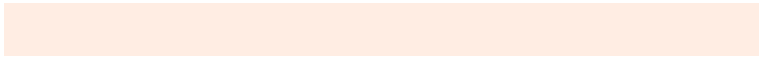
37.7276, 37.5842, 64.7168

Sweetspot

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



40.0419, 37.5860, 25.9138



85.3656, 87.3381, 84.9956



40.0887, 31.4099, 45.2582



18.0336, 18.3794, 17.6144



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.



40.0419, 37.5860, 25.9138



63.6036, 57.7666, 34.7276



46.9614, 51.4251, 28.2203



11.5339, 11.8567, 11.7601



17.2397, 11.2124, 1.2556



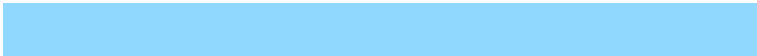
0.9606, 0.7209, 0.0885

Inverse Universe

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



35.2388, 39.9807, 61.7369



54.3294, 62.3527, 103.7796



29.0851, 27.6734, 59.6857



11.1940, 12.0284, 14.3021



12.0871, 13.1982, 37.8667



0.6936, 0.8209, 1.9768

Previews

White Background



This preview shows how the XYZ color 40.0409, 37.5842, 25.9130 looks on a white background.

Color Contrast Check

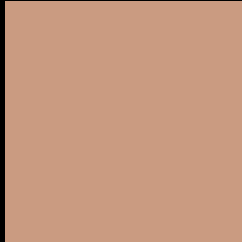
Large Text (above 18pt) WCAG AA × Fail

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 40.0409, 37.5842, 25.9130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

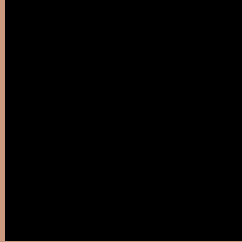
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0409, 37.5842, 25.9130

Background



This preview shows how black text looks on a background with the XYZ color 40.0409, 37.5842, 25.9130.



This preview shows how white text looks on a background with the XYZ color 40.0409, 37.5842,

25.9130.

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

40.0409, 37.5842, 25.9130

Protanopia

35.4374, 37.7455, 27.9721

Deuteranopia

38.5426, 37.8241, 25.6914



Tritanopia

42.6048, 37.4005, 39.1559

Trichromacy



Original Color

40.0409, 37.5842, 25.9130

Protanomaly

36.9173, 37.4700, 27.1165

Deuteranomaly

39.1491, 37.8825, 25.6708

Tritanomaly

41.6351, 37.4959, 33.8972

Monochromacy



Original Color

40.0409, 37.5842, 25.9130

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.2605, 37.7243, 35.4547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0409, 37.5842, 25.9130 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, 155, 129)` looks like.

```
.text, #text, p{  
    color:rgb(202, 155, 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(202, 155, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 155, 129) }
```

Border

The CSS property to change the border of an element to XYZ 40.0409, 37.5842, 25.9130 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, 155, 129) }
```


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

```
.border{ border-color:rgb(202, 155, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 155, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 155, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 155, 129);  
box-shadow:4px 4px 4px 4px rgb(202, 155,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0409, 37.5842, 25.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 155, 129) }
```

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

```
.background{ background-color: rgb(202,  
155, 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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