

Converting Colors

XYZ(39.2314, 36.9480, 22.4077)

Have a look what the booklet for
XYZ(39.2314, 36.9480, 22.4077)
contains.

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Color

**XYZ(39.2425, 36.9997,
22.5261)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9A77
RGB	202, 154, 119
RGB Percent	79%, 60%, 47%
CMY	0.2078, 0.3961, 0.5333
CMYK	0.00, 0.24, 0.41, 0.21
HSL	25°, 44%, 63%
HSV	25°, 41%, 79%
XYZ	39.2425, 36.9997, 22.5261
YIQ	164.3620, 39.8430, -0.7090

Conversions

Conversions Part 2

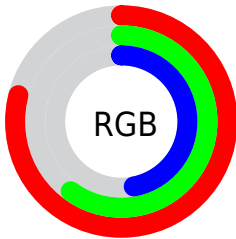
Format	Color
RYB	202, 180, 119
Decimal	13277815
CIELab	67.28, 13.36, 25.29
CIELCh	67, 28.606, 62.153
Yxy	36.9997, 0.3973, 0.3746
Android (android.graphics.Color)	4291467895 (0xFFCA9A77)
YUV	164.3620, -22.3635, 33.0085
Hunter-Lab	60.8274, 8.7105, 20.6224

Details

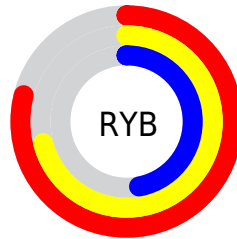
The XYZ color **39.2425, 36.9997, 22.5261** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.0865, 35.8222, 61.1003**, and the grayscale version is **35.5499, 37.4013, 40.7300**.

A 20% lighter version of the original color is **71.1466, 69.3120, 48.1568**, and **17.8098, 16.2537, 7.9929** is the 20% darker color. If you saturate the color by 10%, you get **36.3211, 32.8963, 16.1900**, and if you desaturate by 10%, it is **42.6113, 41.5850, 30.2842**.

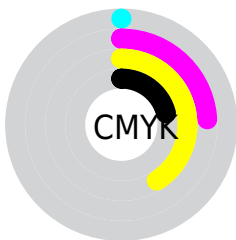
Distribution



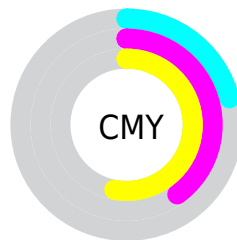
- Red (79%)
- Green (60%)
- Blue (47%)



- Red (79%)
- Yellow (71%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (41%)
- Black (21%)





- Cyan (21%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2425, 36.9997, 22.5261 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 39.2425, 36.9997, 22.5261 by changing the saturation by 10% instead.


 39.2425, 36.9997,
22.5261


 39.2425, 36.9997,
22.5261


334.1098,
333.3092, 278.3241

 27.1300, 25.2073,
14.0420


 73.3003, 70.5723,
48.5273

 17.8080, 16.2315,
8.0108


 95.9764, 93.1213,
66.8814

 10.9111, 9.6881,
4.0140


 122.9043,
120.0246, 89.3627

 6.0739, 5.1927,
1.6330

154.4495,
151.6665, 116.3895

 2.9312, 2.3608,
0.3142

190.9773,
188.4316, 148.3806

 1.1175, 0.8056,
0.0000

232.8530,

 0.0397, 0.0000,

230.7041, 185.7543

0.0000

280.4421,
278.8685, 228.9293

■ 0.0000, 0.0000,
0.0000

■ 39.2425, 36.9997,
22.5261

■ 39.2425, 36.9997,
22.5261

■ 36.3211, 32.8963,
16.1900

■ 42.6113, 41.5850,
30.2842

■ 33.8224, 29.2523,
11.1849

■ 46.4447, 46.6631,
39.5428

■ 31.7235, 26.0510,
7.4131

■ 50.7626, 52.2513,
50.3774

■ 29.9974, 23.2721,
4.7617

■ 55.5826, 58.3642,
62.8578

■ 28.6129, 20.8934,
3.0971

■ 60.9215, 65.0158,
77.0494

■ 27.6207, 19.0838,
2.2278

■ 66.7951, 72.2195,
93.0142

■ 72.3366, 79.6356,
106.1664

■ 75.8061, 86.5747,
107.3229

■ 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.



42.7764, 36.9997, 28.7827



39.2425, 36.9997, 22.5261



34.8522, 36.9997, 20.6969

Triad

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



39.2425, 36.9997, 22.5261



27.4167, 36.9997, 41.1977



39.8340, 36.9997, 64.3045

Complementary

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



39.2425, 36.9997, 22.5261



32.0865, 35.8222, 61.1003

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.



35.4839, 36.9997, 69.4569



39.2425, 36.9997, 22.5261



28.5183, 36.9997, 54.5074

Square

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



39.2425, 36.9997, 22.5261



28.2446, 36.9997, 30.0530



31.3841, 36.9997, 65.5478



43.1373, 36.9997, 52.6133

Rectangle

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



39.2425, 36.9997, 22.5261



32.0911, 36.9997, 21.8469



31.3841, 36.9997, 65.5478



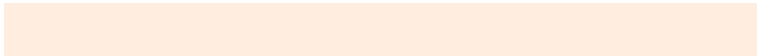
38.4337, 36.9997, 66.9563

Sweetspot

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



39.2434, 37.0015, 22.5268



85.1215, 87.4089, 83.1910



37.9678, 28.5560, 40.2725



18.0046, 18.4328, 17.2611



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.



39.2434, 37.0015, 22.5268



62.1539, 56.6357, 28.7926



47.2207, 52.9560, 25.1859



11.5947, 11.9783, 11.7804



17.8577, 12.4483, 1.4616



0.9958, 0.7913, 0.1003

Inverse Universe

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



32.0865, 35.8222, 61.1003



48.4553, 54.3533, 102.5451



25.7190, 23.0870, 58.9777



11.1314, 11.9033, 14.2813



11.0289, 11.0817, 37.5140



0.6431, 0.7199, 1.9600

Previews

White Background



This preview shows how the XYZ color 39.2425, 36.9997, 22.5261 looks on a white background.

Color Contrast Check

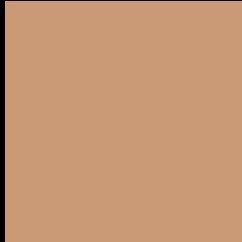
Large Text (above 18pt) WCAG AA × Fail

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 39.2425, 36.9997, 22.5261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

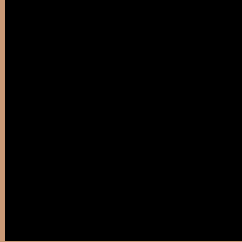
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2425, 36.9997, 22.5261

Background



This preview shows how black text looks on a background with the XYZ color 39.2425, 36.9997, 22.5261.



This preview shows how white text looks on a background with the XYZ color 39.2425, 36.9997,

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

39.2425, 36.9997, 22.5261

Protanopia

34.7551, 37.2111, 24.0896

Deuteranopia

37.8327, 37.0240, 22.2919



Tritanopia

42.3887, 36.8397, 38.1344

Trichromacy



Original Color

39.2425, 36.9997, 22.5261

Protanomaly

36.0912, 36.8610, 23.6250

Deuteranomaly

38.4472, 37.0907, 22.2724

Tritanomaly

41.1940, 36.8362, 31.7270

Monochromacy



Original Color

39.2425, 36.9997, 22.5261

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.2762, 36.7447, 33.1974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2425, 36.9997, 22.5261 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, 154, 119)` looks like.

```
.text, #text, p{  
    color:rgb(202, 154, 119)  
}
```

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, 154, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 154, 119) }
```

Border

The CSS property to change the border of an element to XYZ 39.2425, 36.9997, 22.5261 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, 154, 119) }
```


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

```
.border{ border-color:rgb(202, 154, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 154, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 154, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 154, 119);  
box-shadow:4px 4px 4px 4px rgb(202, 154,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2425, 36.9997, 22.5261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 154, 119) }
```

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

```
.background{ background-color: rgb(202,  
154, 119) }
```

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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