

Converting Colors

XYZ(39.0675, 37.1296, 24.8461)

Have a look what the booklet for
XYZ(39.0675, 37.1296, 24.8461)
contains.

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Color

**XYZ(39.0404, 37.0912,
24.8403)**

Conversions

Conversions Part 1

Format	Color
Hex	C79B7E
RGB	199, 155, 126
RGB Percent	78%, 61%, 49%
CMY	0.2196, 0.3921, 0.5059
CMYK	0.00, 0.22, 0.37, 0.22
HSL	24°, 39%, 64%
HSV	24°, 37%, 78%
XYZ	39.0404, 37.0912, 24.8403
YIQ	164.8500, 35.5330, 0.3090

Conversions

Conversions Part 2

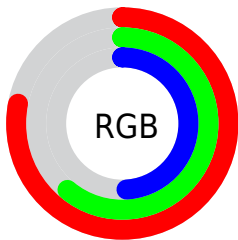
Format	Color
RYB	199, 174, 126
Decimal	13081470
CIELab	67.35, 12.43, 21.49
CIELCh	67, 24.826, 59.964
Yxy	37.0912, 0.3866, 0.3673
Android (android.graphics.Color)	4291271550 (0xFFC79B7E)
YUV	164.8500, -19.1530, 29.9496
Hunter-Lab	60.9025, 7.8445, 18.4492

Details

The XYZ color **39.0404, 37.0912, 24.8403** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.2871, 37.3071, 59.4793**, and the grayscale version is **35.7701, 37.6329, 40.9822**.

A 20% lighter version of the original color is **72.1771, 70.1156, 52.3773**, and **17.7915, 16.3657, 9.2424** is the 20% darker color. If you saturate the color by 10%, you get **35.9842, 32.8334, 18.1042**, and if you desaturate by 10%, it is **42.5522, 41.8513, 32.9892**.

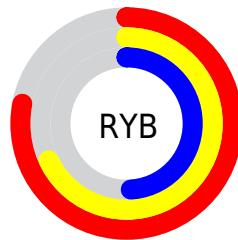
Distribution



Red (78%)

Green (61%)

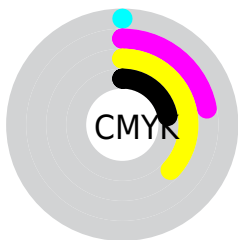
Blue (49%)



Red (78%)

Yellow (68%)

Blue (49%)

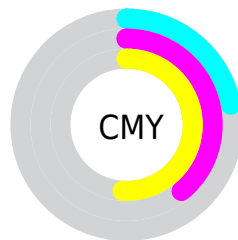


Cyan (0%)

Magenta (22%)

Yellow (37%)

Black (22%)



Cyan (22%)


Magenta (39%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0404, 37.0912, 24.8403 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 39.0404, 37.0912, 24.8403 by changing the saturation by 10% instead.


 39.0404, 37.0912,
24.8403


 39.0404, 37.0912,
24.8403

333.2664,
333.7052, 290.4639


 26.9720, 25.2781,
15.7402


 72.9937, 70.7130,
52.3589

 17.6887, 16.2844,
9.1881


 95.6093, 93.2906,
71.6145

 10.8250, 9.7256,
4.7656


 122.4715,
120.2250, 95.0923

 6.0157, 5.2174,
2.0541

153.9454,
151.9008, 123.2109

 2.8954, 2.3754,
0.5882

190.3965,
188.7023, 156.3888

 1.0987, 0.8132,
0.0000

232.1901,

 0.0240, 0.0000,

231.0140, 195.0446

0.0000

279.6917,
279.2201, 239.5968

■ 0.0000, 0.0000,
0.0000

■ 39.0404, 37.0912,
24.8403

■ 39.0404, 37.0912,
24.8403

■ 35.9842, 32.8334,
18.1042

■ 42.5522, 41.8513,
32.9892

■ 33.3598, 29.0549,
12.6966

■ 46.5363, 47.1249,
42.6242

■ 31.1453, 25.7388,
8.5275


■ 51.0119, 52.9296,
53.8158


■ 29.3153, 22.8647,
5.4947


■ 55.9961, 59.2806,
66.6298

■ 27.8410, 20.4104,
3.4791


■ 61.5054, 66.1921,
81.1278


 26.6861, 18.3501,
2.3250

 67.5553, 73.6781,
97.3684

 26.3540, 17.7438,
2.0359

 72.4573, 81.0705,
106.4370

 76.0851, 88.3260,
107.6463

 77.3631, 90.8821,
108.0723

Harmonies

Analogous

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



41.9725, 37.0912, 30.8077



39.0404, 37.0912, 24.8403



35.2586, 37.0912, 22.8623

Triad

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



39.0404, 37.0912, 24.8403



28.4388, 37.0912, 40.3729



39.0319, 37.0912, 61.3694

Complementary

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



39.0404, 37.0912, 24.8403



33.2871, 37.3071, 59.4793

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.



35.2495, 37.0912, 65.1421



39.0404, 37.0912, 24.8403



29.2938, 37.0912, 51.7685

Square

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



39.0404, 37.0912, 24.8403



29.2978, 37.0912, 30.7887



31.7208, 37.0912, 61.3521



41.9674, 37.0912, 51.7953

Rectangle

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



39.0404, 37.0912, 24.8403



32.8171, 37.0912, 23.7339



31.7208, 37.0912, 61.3521



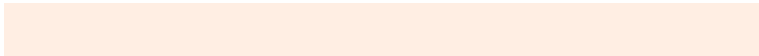
37.8089, 37.0912, 63.4274

Sweetspot

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



39.0413, 37.0929, 24.8410



85.7004, 88.0077, 85.1071



38.3665, 30.0050, 42.3060



18.1131, 18.5385, 17.6409



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.



39.0413, 37.0929, 24.8410



64.0338, 58.9391, 33.9087



45.8374, 50.6851, 27.1064



10.9739, 11.3169, 11.1688



17.0266, 11.5703, 1.3359



0.8767, 0.6888, 0.0867

Inverse Universe

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



33.2871, 37.3071, 59.4793



52.4936, 59.3428, 103.2953



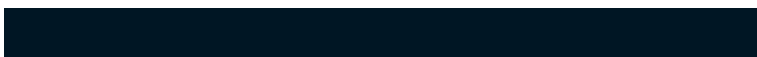
27.5100, 25.7529, 57.5536



10.5794, 11.3329, 13.5474



11.0299, 11.4538, 36.3738



0.5916, 0.6810, 1.7454

Previews

White Background



This preview shows how the XYZ color 39.0404, 37.0912, 24.8403 looks on a white background.

Color Contrast Check

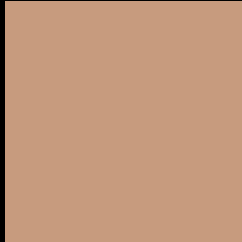
Large Text (above 18pt) WCAG AA × Fail

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 39.0404, 37.0912, 24.8403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

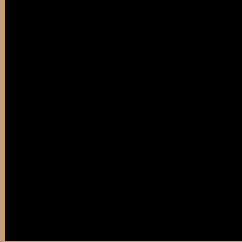
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0404, 37.0912, 24.8403

Background



This preview shows how black text looks on a background with the XYZ color 39.0404, 37.0912, 24.8403.



This preview shows how white text looks on a background with the XYZ color 39.0404, 37.0912,

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

39.0404, 37.0912, 24.8403

Protanopia

34.9839, 37.2766, 26.4703

Deuteranopia

37.9851, 37.2975, 24.9358



Tritanopia

42.0565, 37.1178, 39.1303

Trichromacy



Original Color

39.0404, 37.0912, 24.8403

Protanomaly

36.4745, 37.2651, 26.0393

Deuteranomaly

38.3285, 37.2224, 24.9032

Tritanomaly

41.0102, 37.1830, 33.4493

Monochromacy



Original Color

39.0404, 37.0912, 24.8403

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.4622, 37.0712, 34.5118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0404, 37.0912, 24.8403 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(199, 155, 126)` looks like.

```
.text, #text, p{  
    color:rgb(199, 155, 126)  
}
```

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(199, 155, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 155, 126) }
```

Border

The CSS property to change the border of an element to XYZ 39.0404, 37.0912, 24.8403 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(199, 155, 126) }
```


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

```
.border{ border-color:rgb(199, 155, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 155, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 155, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 155, 126);  
box-shadow:4px 4px 4px 4px rgb(199, 155,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0404, 37.0912, 24.8403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 155, 126) }
```

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

```
.background{ background-color: rgb(199,  
155, 126) }
```

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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