

Converting Colors

XYZ(37.9893, 39.1375, 20.0889)

Have a look what the booklet for
XYZ(37.9893, 39.1375, 20.0889)
contains.

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Color

**XYZ(37.9537, 39.2209,
20.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A56D
RGB	192, 165, 109
RGB Percent	75%, 65%, 43%
CMY	0.2471, 0.3529, 0.5725
CMYK	0.00, 0.14, 0.43, 0.25
HSL	40°, 40%, 59%
HSV	40°, 43%, 75%
XYZ	37.9537, 39.2209, 20.0380
YIQ	166.6890, 34.0680, -11.6920

Conversions

Conversions Part 2

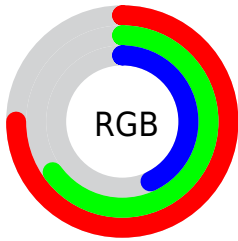
Format	Color
RYB	149, 192, 109
Decimal	12625261
CIELab	68.91, 2.20, 32.64
CIElCh	69, 32.711, 86.149
Yxy	39.2209, 0.3904, 0.4035
Android (android.graphics.Color)	4290815341 (0xFFC0A56D)
YUV	166.6890, -28.4407, 22.1977
Hunter-Lab	62.6266, -1.4199, 24.8682

Details

The XYZ color **37.9537, 39.2209, 20.0380** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **24.6250, 24.6644, 53.3319**, and the grayscale version is **36.7025, 38.6138, 42.0505**.

A 20% lighter version of the original color is **71.4506, 74.0836, 44.2519**, and **17.0373, 17.4549, 6.7461** is the 20% darker color. If you saturate the color by 10%, you get **35.9322, 36.6552, 14.8100**, and if you desaturate by 10%, it is **40.2579, 41.9906, 26.4749**.

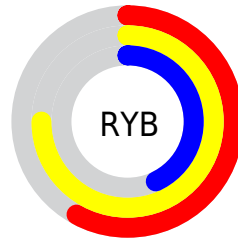
Distribution



Red (75%)

Green (65%)

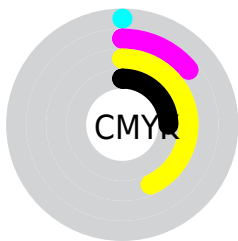
Blue (43%)



Red (58%)

Yellow (75%)

Blue (43%)

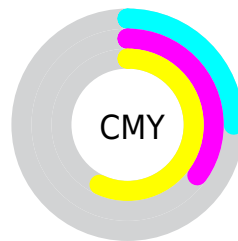


Cyan (0%)

Magenta (14%)

Yellow (43%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9537, 39.2209, 20.0380 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 37.9537, 39.2209, 20.0380 by changing the saturation by 10% instead.

■ 37.9537, 39.2209,
20.0380

■ 37.9537, 39.2209,
20.0380

328.7056,
342.8287, 264.7318

■ 26.1238, 26.9316,
12.2383

■ 71.3415, 73.9757,
44.3407

■ 17.0495, 17.5219,
6.7817

■ 93.6302, 97.2099,
61.6808

■ 10.3653, 10.6073,
3.2496

■ 120.1358,
124.8613, 83.0381

■ 5.7059, 5.8034,
1.2234

■ 151.2237,
157.3142, 108.8312

■ 2.7061, 2.7259,
0.0000

187.2593,
194.9530, 139.4785

■ 1.0003, 0.9904,
0.0000

228.6079,

■ 0.0000, 0.0000,

238.1621, 175.3987

0.0000

275.6349,
287.3259, 217.0103

■ 37.9537, 39.2209,
20.0380

■ 37.9537, 39.2209,
20.0380

■ 35.9322, 36.6552,
14.8100

■ 40.2579, 41.9906,
26.4749

■ 34.1749, 34.2805,
10.7100

■ 42.8562, 44.9657,
34.1898

■ 32.6654, 32.0905,
7.6510


■ 45.7628, 48.1545,
43.2492


■ 31.3836, 30.0757,
5.5320


■ 48.9900, 51.5632,
53.7145


■ 30.3058, 28.2254,
4.2316


■ 52.5494, 55.1974,
65.6432

 29.6615, 27.0530,
3.6584

 56.4519, 59.0628,
79.0894

 60.7079, 63.1645,
94.1047

 64.0792, 67.0084,
104.1643

 65.6995, 70.2490,
104.7044

Harmonies

Analogous

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



43.1278, 39.2209, 23.0703



37.9537, 39.2209, 20.0380



33.0446, 39.2209, 21.8183

Triad

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



37.9537, 39.2209, 20.0380



29.0066, 39.2209, 56.6032



46.2105, 39.2209, 60.7175

Complementary

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



37.9537, 39.2209, 20.0380



24.6250, 24.6644, 53.3319

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.



41.8590, 39.2209, 73.8991



37.9537, 39.2209, 20.0380



31.9831, 39.2209, 71.1622

Square

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



37.9537, 39.2209, 20.0380



28.1685, 39.2209, 40.8108



36.6109, 39.2209, 78.1061



48.1666, 39.2209, 44.6567

Rectangle

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



37.9537, 39.2209, 20.0380



30.5249, 39.2209, 25.7848



36.6109, 39.2209, 78.1061



44.9608, 39.2209, 65.7646

Sweetspot

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



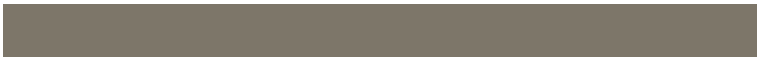
37.9547, 39.2227, 20.0388



82.9310, 87.2654, 78.4006



31.6986, 23.9407, 26.4925



17.5291, 18.4378, 15.9883



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.9547, 39.2227, 20.0388



65.2428, 66.5944, 27.1694



40.0084, 48.2881, 21.6803



10.6284, 11.1882, 10.6612



20.0323, 18.3503, 2.4861



0.9260, 0.9138, 0.1276

Inverse Universe

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



24.6250, 24.6644, 53.3319



37.9373, 36.8027, 95.4644



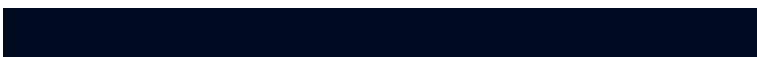
23.1280, 18.9422, 52.3063



9.7899, 10.2710, 12.7514



7.6414, 5.0393, 34.1266



0.3938, 0.3450, 1.4957

Previews

White Background



This preview shows how the XYZ color 37.9537, 39.2209, 20.0380 looks on a white background.

Color Contrast Check

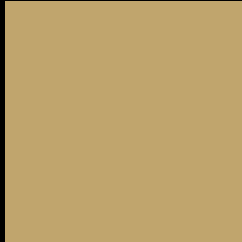
Large Text (above 18pt) WCAG AA × Fail

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 37.9537, 39.2209, 20.0380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

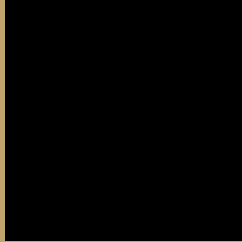
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9537, 39.2209, 20.0380

Background



This preview shows how black text looks on a background with the XYZ color 37.9537, 39.2209, 20.0380.



This preview shows how white text looks on a background with the XYZ color 37.9537, 39.2209,

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

37.9537, 39.2209, 20.0380

Protanopia

36.3455, 39.1983, 20.4023

Deuteranopia

39.9165, 39.1721, 20.2090



Tritanopia

42.6014, 39.0220, 43.3169

Trichromacy



Original Color

37.9537, 39.2209, 20.0380

Protanomaly

36.8829, 39.2023, 20.3747

Deuteranomaly

39.0235, 38.9722, 20.2175

Tritanomaly

40.6811, 39.0155, 33.4036

Monochromacy



Original Color

37.9537, 39.2209, 20.0380

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.7290, 38.5779, 32.7046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9537, 39.2209, 20.0380 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(192, 165, 109)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 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(192, 165, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 109) }
```

Border

The CSS property to change the border of an element to XYZ 37.9537, 39.2209, 20.0380 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(192, 165, 109) }
```


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

```
.border{ border-color:rgb(192, 165, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 109);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9537, 39.2209, 20.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 109) }
```

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

```
.background{ background-color: rgb(192,  
165, 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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