

Converting Colors

XYZ(39.2230, 37.9220, 37.1507)

Have a look what the booklet for
XYZ(39.2230, 37.9220, 37.1507)
contains.

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Color

**XYZ(39.2230, 37.9220,
37.1507)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9F9D
RGB	188, 159, 157
RGB Percent	74%, 62%, 62%
CMY	0.2627, 0.3765, 0.3843
CMYK	0.00, 0.15, 0.16, 0.26
HSL	4°, 19%, 68%
HSV	4°, 16%, 74%
XYZ	39.2230, 37.9220, 37.1507
YIQ	167.4430, 17.9260, 5.5260

Conversions

Conversions Part 2

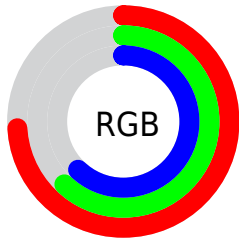
Format	Color
RYB	188, 159, 157
Decimal	12361629
CIELab	67.96, 10.34, 5.01
CIELCh	68, 11.492, 25.844
Yxy	37.9220, 0.3432, 0.3318
Android (android.graphics.Color)	4290551709 (0xFFBC9F9D)
YUV	167.4430, -5.1484, 18.0285
Hunter-Lab	61.5808, 5.9264, 7.3379

Details

The XYZ color **39.2230, 37.9220, 37.1507** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.5403, 45.9157, 54.3032**, and the grayscale version is **36.9658, 38.8909, 42.3522**.

A 20% lighter version of the original color is **73.2385, 72.0797, 72.3400**, and **17.7956, 16.8341, 15.9470** is the 20% darker color. If you saturate the color by 10%, you get **34.9281, 31.7060, 28.4001**, and if you desaturate by 10%, it is **44.1972, 45.1006, 47.3471**.

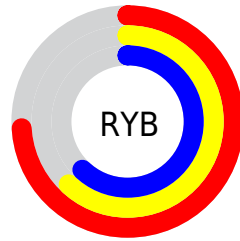
Distribution



Red (74%)

Green (62%)

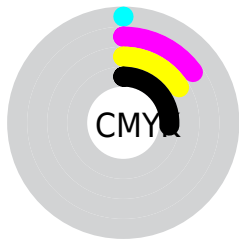
Blue (62%)



Red (74%)

Yellow (62%)

Blue (62%)

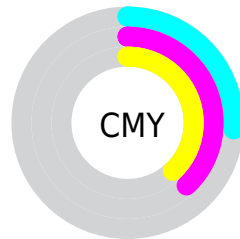


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (26%)



Cyan (26%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2230, 37.9220, 37.1507 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 39.2230, 37.9220, 37.1507 by changing the saturation by 10% instead.


 39.2230, 37.9220,
37.1507


 39.2230, 37.9220,
37.1507


334.0285,
337.2853, 349.1508

 27.1148, 25.9222,
25.0275


 73.2708, 71.9886,
71.9934

 17.7965, 16.7654,
15.8783


 95.9410, 94.8241,
95.5500

 10.9028, 10.0674,
9.2847


122.8626,
122.0403, 123.7548

 6.0683, 5.4437,
4.8280

154.4009,
154.0215, 157.0264

 2.9277, 2.5098,
2.0897

190.9213,
191.1523, 195.7832

 1.1156, 0.8816,
0.6096

232.7891,

 0.0381, 0.0000,

233.8169, 240.4439

0.0000

280.3697,
282.3997, 291.4269

■ 0.0000, 0.0000,
0.0000

■ 39.2230, 37.9220,
37.1507

■ 39.2230, 37.9220,
37.1507

■ 34.9281, 31.7060,
28.4001

■ 44.1972, 45.1006,
47.3471

■ 31.2801, 26.4069,
21.0277

■ 49.8752, 53.2749,
59.0481

■ 28.2485, 21.9829,
14.9639

■ 56.2839, 62.4829,
72.3121

■ 25.7992, 18.3867,
10.1322

■ 63.4481, 72.7587,
87.1938

■ 23.8947, 15.5670,
6.4481

■ 71.3913, 84.1351,
103.7450

■ 22.4934, 13.4664,
3.8164

■ 74.5492, 89.4314,
107.9406

■ 21.5472, 12.0197,
2.1269

■ 20.9970, 11.1491,
1.2349

■ 20.8725, 10.9581,
1.0150

Harmonies

Analogous

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



39.5778, 37.9220, 42.0074



39.2230, 37.9220, 37.1507



38.0061, 37.9220, 33.6762

Triad

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



39.2230, 37.9220, 37.1507



33.2765, 37.9220, 36.0121



35.7954, 37.9220, 51.8951

Complementary

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



39.2230, 37.9220, 37.1507



40.5403, 45.9157, 54.3032

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.



34.1501, 37.9220, 49.9740



39.2230, 37.9220, 37.1507



32.7265, 37.9220, 40.5820

Square

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



39.2230, 37.9220, 37.1507



34.5676, 37.9220, 33.0579



33.0411, 37.9220, 45.7272



37.5613, 37.9220, 50.7878

Rectangle

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



39.2230, 37.9220, 37.1507



36.8900, 37.9220, 32.4710



33.0411, 37.9220, 45.7272



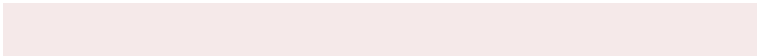
35.2105, 37.9220, 51.5781

Sweetspot

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



39.2240, 37.9237, 37.1515



81.4700, 83.7114, 88.6256



41.7073, 38.3702, 51.9139



17.3720, 17.7888, 18.7545



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.2240, 37.9237, 37.1515



67.9565, 64.2036, 60.9400



41.9710, 43.4176, 38.0671



9.5784, 9.6327, 9.9311



14.2311, 7.5011, 0.6978



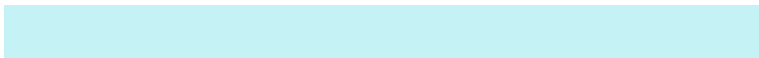
0.5746, 0.3281, 0.0330

Inverse Universe

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



40.5403, 45.9157, 54.3032



70.8180, 81.5823, 98.2406



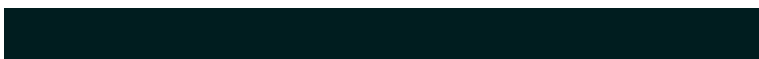
37.5357, 39.9064, 53.3017



9.7544, 10.7010, 12.2236



16.7515, 23.6148, 36.0681



0.6722, 0.9572, 1.4182

Previews

White Background



This preview shows how the XYZ color 39.2230, 37.9220, 37.1507 looks on a white background.

Color Contrast Check

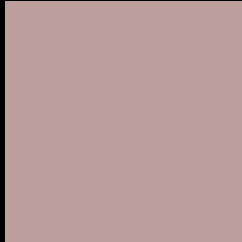
Large Text (above 18pt) WCAG AA × Fail

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 39.2230, 37.9220, 37.1507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

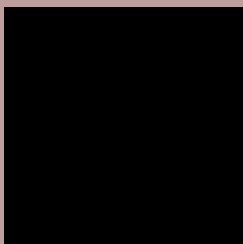
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2230, 37.9220, 37.1507

Background



This preview shows how black text looks on a background with the XYZ color 39.2230, 37.9220, 37.1507.



This preview shows how white text looks on a background with the XYZ color 39.2230, 37.9220,

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

39.2230, 37.9220, 37.1507

Protanopia

36.3779, 37.9944, 38.6740

Deuteranopia

38.6642, 37.8902, 37.1740



Tritanopia

40.4536, 37.9257, 42.7244

Trichromacy



Original Color

39.2230, 37.9220, 37.1507

Protanomaly

37.4867, 38.0447, 38.1685

Deuteranomaly

38.9063, 38.0150, 37.1853

Tritanomaly

40.0047, 37.9891, 40.8215

Monochromacy



Original Color

39.2230, 37.9220, 37.1507

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.5655, 38.3092, 40.0648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2230, 37.9220, 37.1507 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(188, 159, 157)` looks like.

```
.text, #text, p{  
    color:rgb(188, 159, 157)  
}
```

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(188, 159, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 159, 157) }
```

Border

The CSS property to change the border of an element to XYZ 39.2230, 37.9220, 37.1507 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(188, 159, 157) }
```


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

```
.border{ border-color:rgb(188, 159, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 159, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 159, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 159, 157);  
box-shadow:4px 4px 4px 4px rgb(188, 159,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2230, 37.9220, 37.1507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 159, 157) }
```

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

```
.background{ background-color: rgb(188,  
159, 157) }
```

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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