

Converting Colors

XYZ(37.9207, 37.8837, 43.6778)

Have a look what the booklet for
XYZ(37.9207, 37.8837, 43.6778)
contains.

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Color

**XYZ(37.9502, 37.8949,
43.8423)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA2AB
RGB	175, 162, 171
RGB Percent	69%, 64%, 67%
CMY	0.3137, 0.3647, 0.3294
CMYK	0.00, 0.07, 0.02, 0.31
HSL	318°, 8%, 66%
HSV	318°, 7%, 69%
XYZ	37.9502, 37.8949, 43.8423
YIQ	166.9130, 4.8590, 5.5550

Conversions

Conversions Part 2

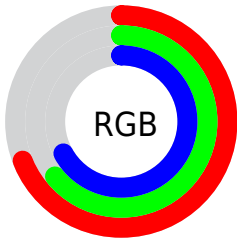
Format	Color
RYB	175, 162, 171
Decimal	11510443
CIELab	67.94, 6.36, -2.96
CIELCh	68, 7.012, 335.056
Yxy	37.8949, 0.3171, 0.3166
Android (android.graphics.Color)	4289700523 (0xFFAFA2AB)
YUV	166.9130, 2.0149, 7.0923
Hunter-Lab	61.5588, 2.3149, 0.8648

Details

The XYZ color **37.9502, 37.8949, 43.8423** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1146, 41.0955, 42.0545**, and the grayscale version is **36.6780, 38.5881, 42.0224**.

A 20% lighter version of the original color is **71.4953, 72.1056, 82.1011**, and **17.0741, 16.6947, 19.7753** is the 20% darker color. If you saturate the color by 10%, you get **34.5769, 31.9527, 40.2367**, and if you desaturate by 10%, it is **41.7756, 44.7067, 47.7028**.

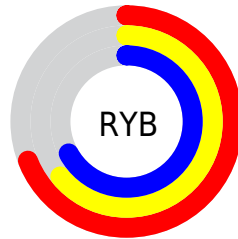
Distribution



Red (69%)

Green (64%)

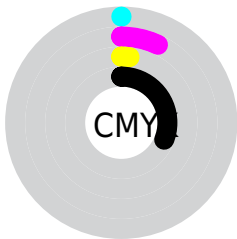
Blue (67%)



Red (69%)

Yellow (64%)

Blue (67%)

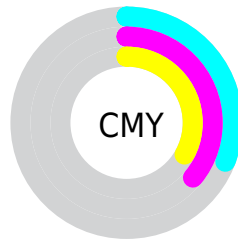


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9502, 37.8949, 43.8423 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 37.9502, 37.8949, 43.8423 by changing the saturation by 10% instead.

■ 37.9502, 37.8949,
43.8423

■ 37.9502, 37.8949,
43.8423

328.6908,
337.1689, 378.0869

■ 26.1211, 25.9011,
30.2103

■ 71.3362, 71.9470,
82.2803

■ 17.0474, 16.7497,
19.7448

■ 93.6238, 94.7742,
107.9234

■ 10.3638, 10.0562,
12.0275

120.1282,
121.9812, 138.4073

■ 5.7049, 5.4362,
6.6396

151.2149,
153.9526, 174.1504

■ 2.7055, 2.5054,
3.1628

187.2491,
191.0726, 215.5714

■ 1.0000, 0.8793,
1.1783

228.5963,

■ 0.0000, 0.0000,

233.7258, 263.0888

0.0000

275.6217,
282.2964, 317.1211

■ 37.9502, 37.8949,
43.8423

■ 37.9502, 37.8949,
43.8423

■ 34.5769, 31.9527,
40.2367

■ 41.7756, 44.7067,
47.7028

■ 31.6346, 26.8400,
36.8762

■ 46.0667, 52.4166,
51.8225

■ 29.1052, 22.5205,
33.7542

■ 50.8405, 61.0577,
56.2086

■ 26.9683, 18.9536,
30.8626

■ 56.1123, 70.6599,
60.8675

■ 25.2015, 16.0950,
28.1925

■ 61.8964, 81.2519,
65.8051

■ 23.7800, 13.8956,
25.7345

■ 64.2567, 84.9610,
69.7104

■ 22.6760, 12.3002,
23.4780

■ 64.9113, 85.2228,
73.1572

■ 21.8570, 11.2443,
21.4106

■ 65.5883, 85.4936,
76.7227

■ 21.2739, 10.6301,
19.5148

■ 66.2882, 85.7736,
80.4080

Harmonies

Analogous

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



37.2341, 37.8949, 46.3675



37.9502, 37.8949, 43.8423



38.1443, 37.8949, 40.7348

Triad

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



37.9502, 37.8949, 43.8423



35.8337, 37.8949, 35.5710



34.3309, 37.8949, 44.8024

Complementary

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



37.9502, 37.8949, 43.8423



37.1146, 41.0955, 42.0545

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.



33.9721, 37.8949, 41.7919



37.9502, 37.8949, 43.8423



34.8286, 37.8949, 36.5441

Square

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



37.9502, 37.8949, 43.8423



36.9083, 37.8949, 36.0588



34.1525, 37.8949, 38.7833



35.1421, 37.8949, 46.9411

Rectangle

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



37.9502, 37.8949, 43.8423



37.9484, 37.8949, 38.7731



34.1525, 37.8949, 38.7833



34.1541, 37.8949, 43.8533

Sweetspot

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



37.9513, 37.8965, 43.8431



71.5596, 74.2504, 82.1905



36.3647, 37.0339, 45.7896



15.9217, 16.5328, 18.2846



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.9513, 37.8965, 43.8431



66.8669, 65.9209, 77.3717



37.3560, 37.6584, 40.7084



8.2305, 8.1055, 9.5247



15.1668, 7.5293, 13.7897



0.4449, 0.2186, 0.5045

Inverse Universe

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



37.9513, 37.8965, 43.8431



66.8669, 65.9209, 77.3717



37.7164, 41.3362, 45.2231



8.2305, 8.1055, 9.5247



15.1668, 7.5293, 13.7897



0.4449, 0.2186, 0.5045

Previews

White Background



This preview shows how the XYZ color 37.9502, 37.8949, 43.8423 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 37.9502, 37.8949, 43.8423 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 37.9502, 37.8949, 43.8423

Background



This preview shows how black text looks on a background with the XYZ color 37.9502, 37.8949, 43.8423.



This preview shows how white text looks on a background with the XYZ color 37.9502, 37.8949,

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

37.9502, 37.8949, 43.8423

Protanopia

36.7238, 38.0344, 44.9410

Deuteranopia

38.6860, 38.0137, 43.8265



Tritanopia

38.0640, 37.6597, 45.3073

Trichromacy



Original Color

37.9502, 37.8949, 43.8423

Protanomaly

37.0840, 37.9645, 44.4031

Deuteranomaly

38.4557, 37.8950, 43.8157

Tritanomaly

37.9669, 37.6208, 44.7956

Monochromacy



Original Color

37.9502, 37.8949, 43.8423

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.1006, 38.2835, 42.4798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9502, 37.8949, 43.8423 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(175, 162, 171)` looks like.

```
.text, #text, p{  
    color:rgb(175, 162, 171)  
}
```

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(175, 162, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 162, 171) }
```

Border

The CSS property to change the border of an element to XYZ 37.9502, 37.8949, 43.8423 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(175, 162, 171) }
```


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

```
.border{ border-color:rgb(175, 162, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 162, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 162, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 162, 171);  
box-shadow:4px 4px 4px 4px rgb(175, 162,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9502, 37.8949, 43.8423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 162, 171) }
```

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

```
.background{ background-color: rgb(175,  
162, 171) }
```

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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