

Converting Colors

XYZ(37.4900, 38.0934, 43.4473)

Have a look what the booklet for
XYZ(37.4900, 38.0934, 43.4473)
contains.

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Color

**XYZ(37.5444, 38.2239,
43.4293)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA4AA
RGB	172, 164, 170
RGB Percent	67%, 64%, 67%
CMY	0.3255, 0.3568, 0.3333
CMYK	0.00, 0.05, 0.01, 0.33
HSL	315°, 5%, 66%
HSV	315°, 5%, 67%
XYZ	37.5444, 38.2239, 43.4293
YIQ	167.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

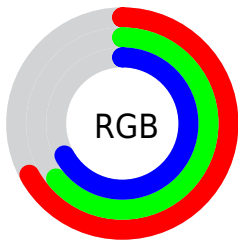
Format	Color
RYB	172, 164, 170
Decimal	11314346
CIELab	68.19, 4.00, -2.07
CIELCh	68, 4.503, 332.571
Yxy	38.2239, 0.3150, 0.3207
Android (android.graphics.Color)	4289504426 (0xFFACA4AA)
YUV	167.0760, 1.4415, 4.3183
Hunter-Lab	61.8255, 0.2021, 1.6296

Details

The XYZ color **37.5444, 38.2239, 43.4293** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9468, 40.1517, 41.8812**, and the grayscale version is **36.7608, 38.6752, 42.1173**.

A 20% lighter version of the original color is **70.6007, 72.4302, 81.4935**, and **16.8099, 16.8894, 19.5135** is the 20% darker color. If you saturate the color by 10%, you get **34.2721, 32.3195, 40.3639**, and if you desaturate by 10%, it is **41.2485, 44.9695, 46.7052**.

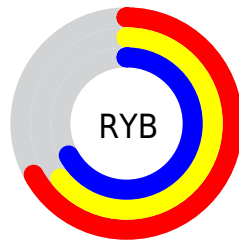
Distribution



Red (67%)

Green (64%)

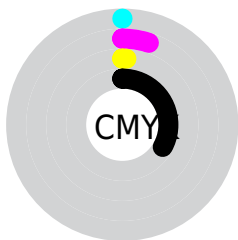
Blue (67%)



Red (67%)

Yellow (64%)

Blue (67%)

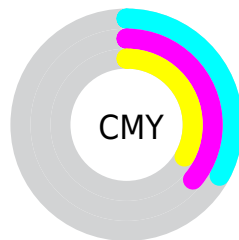


Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5444, 38.2239, 43.4293 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 37.5444, 38.2239, 43.4293 by changing the saturation by 10% instead.

■ 37.5444, 38.2239,
43.4293

■ 37.5444, 38.2239,
43.4293

326.9763,
338.5795, 376.3473

■ 25.8049, 26.1565,
29.8882

■ 70.7177, 72.4512,
81.6516

■ 16.8096, 16.9408,
19.5024

■ 92.8822, 95.3799,
107.1699

■ 10.1933, 10.1923,
11.8534

119.2524,
122.6978, 137.5176

■ 5.5906, 5.5266,
6.5226

150.1936,
154.7893, 173.1133

■ 2.6360, 2.5594,
3.0915

186.0713,
192.0388, 214.3756

■ 0.9644, 0.9063,
1.1415

227.2507,

■ 0.0000, 0.0000,

234.8308, 261.7230

0.0000

274.0972,
283.5495, 315.5741

■ 37.5444, 38.2239,
43.4293

■ 37.5444, 38.2239,
43.4293

■ 34.2721, 32.3195,
40.3639

■ 41.2485, 44.9695,
46.7052

■ 31.4117, 27.2182,
37.5005

■ 45.3968, 52.5828,
50.1951

■ 28.9463, 22.8861,
34.8331

■ 50.0056, 61.0951,
53.9054

■ 26.8569, 19.2851,
32.3550

■ 55.0890, 70.5348,
57.8414

■ 25.1225, 16.3739,
30.0583

■ 60.6607, 80.9290,
62.0082

■ 23.7204, 14.1068,
27.9349

■ 62.7157, 84.2677,
65.0716

■ 22.6249, 12.4329,
25.9756

■ 63.2119, 84.4662,
67.6845

■ 21.8066, 11.2934,
24.1698

■ 63.7223, 84.6703,
70.3720

■ 21.2295, 10.6170,
22.5050

■ 64.2469, 84.8801,
73.1346

Harmonies

Analogous

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



37.0637, 38.2239, 44.9697



37.5444, 38.2239, 43.4293



37.6986, 38.2239, 41.4458

Triad

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



37.5444, 38.2239, 43.4293



36.2700, 38.2239, 37.8684



35.2027, 38.2239, 43.7396

Complementary

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



37.5444, 38.2239, 43.4293



36.9468, 40.1517, 41.8812

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.



34.9962, 38.2239, 41.7933



37.5444, 38.2239, 43.4293



35.6074, 38.2239, 38.4396

Square

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



37.5444, 38.2239, 43.4293



36.9573, 38.2239, 38.2751



35.1434, 38.2239, 39.8604



35.7112, 38.2239, 45.1529

Rectangle

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



37.5444, 38.2239, 43.4293



37.5940, 38.2239, 40.1502



35.1434, 38.2239, 39.8604



35.0960, 38.2239, 43.1238

Sweetspot

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



37.5455, 38.2256, 43.4301



70.4600, 73.6098, 80.9009



36.4493, 37.6384, 44.3740



15.3207, 16.0118, 17.5888



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



37.5455, 38.2256, 43.4301



67.1985, 67.6902, 77.9533



37.1730, 38.0765, 41.4683



8.4645, 8.5008, 9.8270



15.6314, 7.7151, 16.2360



0.4550, 0.2227, 0.5580

Inverse Universe

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



37.5455, 38.2256, 43.4301



67.1985, 67.6902, 77.9533



37.3193, 40.3007, 43.8430



8.4645, 8.5008, 9.8270



15.6314, 7.7151, 16.2360



0.4550, 0.2227, 0.5580

Previews

White Background



This preview shows how the XYZ color 37.5444, 38.2239, 43.4293 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 37.5444, 38.2239, 43.4293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

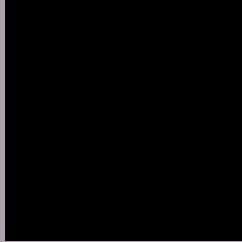
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5444, 38.2239, 43.4293

Background



This preview shows how black text looks on a background with the XYZ color 37.5444, 38.2239, 43.4293.



This preview shows how white text looks on a background with the XYZ color 37.5444, 38.2239,

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

37.5444, 38.2239, 43.4293

Protanopia

36.9543, 38.1754, 43.9490

Deuteranopia

38.9179, 38.1333, 43.8373



Tritanopia

38.1672, 38.2132, 46.4386

Trichromacy



Original Color

37.5444, 38.2239, 43.4293

Protanomaly

37.1680, 38.2856, 43.9590

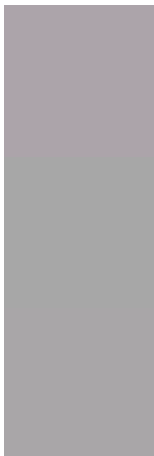
Deuteranomaly

38.4025, 38.1280, 43.8635

Tritanomaly

37.9708, 38.1346, 45.4038

Monochromacy



Original Color

37.5444, 38.2239, 43.4293

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.0663, 38.5346, 42.5301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5444, 38.2239, 43.4293 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(172, 164, 170)` looks like.

```
.text, #text, p{  
    color:rgb(172, 164, 170)  
}
```

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(172, 164, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 164, 170) }
```

Border

The CSS property to change the border of an element to XYZ 37.5444, 38.2239, 43.4293 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(172, 164, 170) }
```


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

```
.border{ border-color:rgb(172, 164, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 164, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 164, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 164, 170);  
box-shadow:4px 4px 4px 4px rgb(172, 164,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5444, 38.2239, 43.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 164, 170) }
```

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

```
.background{ background-color: rgb(172,  
164, 170) }
```

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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