

Converting Colors

XYZ(37.8096, 38.2302, 44.5951)

Have a look what the booklet for
XYZ(37.8096, 38.2302, 44.5951)
contains.

XYZ(37.9554, 38.4137, 44.4438)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.9554, 38.4137,
44.4438)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA4AC
RGB	173, 164, 172
RGB Percent	68%, 64%, 67%
CMY	0.3216, 0.3568, 0.3255
CMYK	0.00, 0.05, 0.01, 0.32
HSL	307°, 5%, 66%
HSV	307°, 5%, 68%
XYZ	37.9554, 38.4137, 44.4438
YIQ	167.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

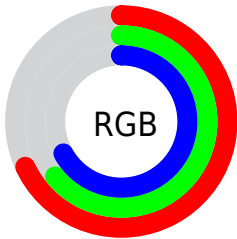
Format	Color
RYB	173, 164, 172
Decimal	11379884
CIELab	68.32, 4.73, -2.97
CIELCh	68, 5.587, 327.863
Yxy	38.4137, 0.3142, 0.3180
Android (android.graphics.Color)	4289569964 (0xFFADA4AC)
YUV	167.6030, 2.1677, 4.7332
Hunter-Lab	61.9788, 0.8493, 0.8694

Details

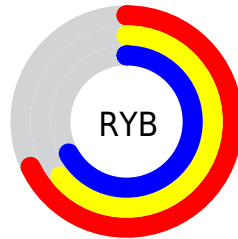
The XYZ color **37.9554, 38.4137, 44.4438** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0464, 40.4972, 41.4635**, and the grayscale version is **37.0146, 38.9422, 42.4081**.

A 20% lighter version of the original color is **71.1916, 72.7031, 82.9539**, and **17.0695, 17.0094, 20.1528** is the 20% darker color. If you saturate the color by 10%, you get **34.8847, 32.5651, 42.5161**, and if you desaturate by 10%, it is **41.4522, 45.1090, 46.5277**.

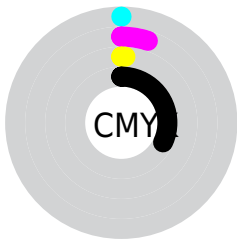
Distribution



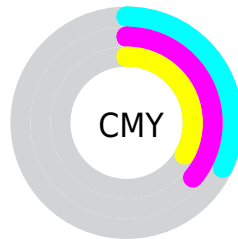
- Red (68%)
- Green (64%)
- Blue (67%)



- Red (68%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (32%)



- Cyan (32%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9554, 38.4137, 44.4438 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 37.9554, 38.4137, 44.4438 by changing the saturation by 10% instead.

■ 37.9554, 38.4137,
44.4438

■ 37.9554, 38.4137,
44.4438

328.7128,
339.3913, 380.6105

■ 26.1251, 26.3039,
30.6798

■ 71.3441, 72.7418,
83.1947

■ 17.0504, 17.0512,
20.0987

■ 93.6333, 95.7289,
109.0187

■ 10.3660, 10.2710,
12.2820

120.1394,
123.1106, 139.6998

■ 5.7064, 5.5790,
6.8112

151.2280,
155.2712, 175.6565

■ 2.7063, 2.5908,
3.2677

187.2642,
192.5952, 217.3074

■ 1.0004, 0.9220,
1.2329

228.6135,

■ 0.0000, 0.0000,

235.4670, 265.0710

0.0058

275.6412,
284.2709, 319.3658

■ 0.0000, 0.0000,
0.0000

■ 37.9554, 38.4137,
44.4438

■ 37.9554, 38.4137,
44.4438

■ 34.8847, 32.5651,
42.5161

■ 41.4522, 45.1090,
46.5277

■ 32.2197, 27.5244,
40.7363

■ 45.3876, 52.6779,
48.7705

■ 29.9437, 23.2573,
39.0992

■ 49.7780, 61.1522,
51.1783

■ 28.0372, 19.7250,
37.5983

■ 54.6376, 70.5608,
53.7558

■ 26.4791, 16.8853,
36.2266

■ 59.9802, 80.9311,
56.5078

■ 25.2462, 14.6918,
34.9761

■ 61.5972, 83.8457,
58.0313

■ 24.3124, 13.0924,
33.8382

■ 61.7995, 83.9266,
59.0968

■ 23.6477, 12.0270,
32.8028

■ 62.0046, 84.0087,
60.1767

■ 23.2148, 11.4209,
31.8573

■ 62.2124, 84.0918,
61.2712

Harmonies

Analogous

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



37.3036, 38.4137, 46.2354



37.9554, 38.4137, 44.4438



38.2195, 38.4137, 42.0061

Triad

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



37.9554, 38.4137, 44.4438



36.5739, 38.4137, 37.1901



35.0427, 38.4137, 44.1202

Complementary

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



37.9554, 38.4137, 44.4438



37.0464, 40.4972, 41.4635

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.



34.8543, 38.4137, 41.6464



37.9554, 38.4137, 44.4438



35.7298, 38.4137, 37.7063

Square

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



37.9554, 38.4137, 44.4438



37.4140, 38.4137, 37.8743



35.1039, 38.4137, 39.3130



35.6227, 38.4137, 46.0434

Rectangle

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



37.9554, 38.4137, 44.4438



38.1371, 38.4137, 40.3643



35.1039, 38.4137, 39.3130



34.9319, 38.4137, 43.3225

Sweetspot

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



37.9565, 38.4154, 44.4446



69.8758, 72.4280, 80.7479



36.3162, 37.5586, 44.8711



15.2006, 15.7690, 17.5574



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.



37.9565, 38.4154, 44.4446



67.4492, 67.7905, 79.2738



37.5409, 38.2491, 42.2563



8.4983, 8.5143, 10.0050



16.9448, 8.2405, 23.1524



0.4821, 0.2335, 0.7003

Inverse Universe

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



37.9565, 38.4154, 44.4446



67.4492, 67.7905, 79.2738



37.4537, 40.6602, 43.6086



8.4983, 8.5143, 10.0050



16.9448, 8.2405, 23.1524



0.4821, 0.2335, 0.7003

Previews

White Background



This preview shows how the XYZ color 37.9554, 38.4137, 44.4438 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 37.9554, 38.4137, 44.4438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

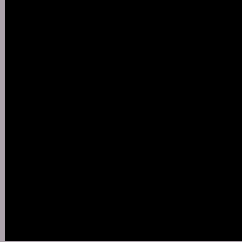
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9554, 38.4137, 44.4438

Background



This preview shows how black text looks on a background with the XYZ color 37.9554, 38.4137, 44.4438.



This preview shows how white text looks on a background with the XYZ color 37.9554, 38.4137,

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

37.9554, 38.4137, 44.4438

Protanopia

37.3275, 38.6144, 45.0211

Deuteranopia

39.1891, 38.5225, 44.3998



Tritanopia

38.3892, 38.3276, 46.4489

Trichromacy



Original Color

37.9554, 38.4137, 44.4438

Protanomaly

37.5755, 38.4734, 44.9808

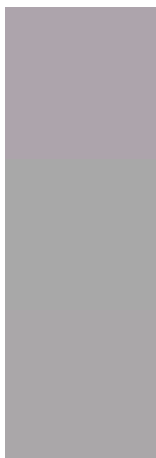
Deuteranomaly

38.6750, 38.5201, 44.4264

Tritanomaly

38.2906, 38.2882, 45.9297

Monochromacy



Original Color

37.9554, 38.4137, 44.4438

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.5577, 39.0481, 43.0936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9554, 38.4137, 44.4438 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(173, 164, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 164, 172)  
}
```

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(173, 164, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 164, 172) }
```

Border

The CSS property to change the border of an element to XYZ 37.9554, 38.4137, 44.4438 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(173, 164, 172) }
```


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

```
.border{ border-color:rgb(173, 164, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 164, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 164, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 164, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 164,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9554, 38.4137, 44.4438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 164, 172) }
```

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

```
.background{ background-color: rgb(173,  
164, 172) }
```

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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