

Converting Colors

XYZ(37.8140, 38.9996, 54.4106)

Have a look what the booklet for
XYZ(37.8140, 38.9996, 54.4106)
contains.

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Color

**XYZ(37.8109, 38.9322,
54.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A7BE
RGB	161, 167, 190
RGB Percent	63%, 65%, 75%
CMY	0.3686, 0.3451, 0.2549
CMYK	0.15, 0.12, 0.00, 0.25
HSL	228°, 18%, 69%
HSV	228°, 15%, 75%
XYZ	37.8109, 38.9322, 54.2370
YIQ	167.8280, -10.9590, 5.8810

Conversions

Conversions Part 2

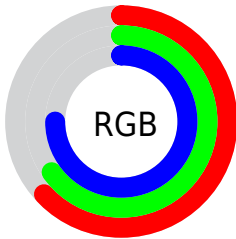
Format	Color
RYB	161, 166, 190
Decimal	10594238
CIELab	68.70, 2.64, -12.50
CIElCh	69, 12.778, 281.901
Yxy	38.9322, 0.2887, 0.2972
Android (android.graphics.Color)	4288784318 (0xFFA1A7BE)
YUV	167.8280, 10.9308, -5.9882
Hunter-Lab	62.3957, -1.0239, -7.8604

Details

The XYZ color **37.8109, 38.9322, 54.2370** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.8089, 47.8011, 40.5839**, and the grayscale version is **37.0880, 39.0195, 42.4922**.

A 20% lighter version of the original color is **71.0747, 73.4953, 97.6288**, and **16.9528, 17.3188, 26.1163** is the 20% darker color. If you saturate the color by 10%, you get **31.6679, 31.9044, 53.2049**, and if you desaturate by 10%, it is **44.8598, 46.9064, 55.4053**.

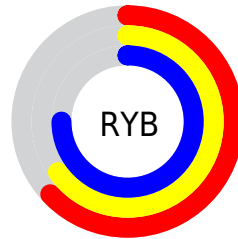
Distribution



Red (63%)

Green (65%)

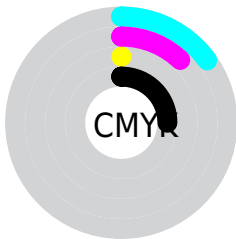
Blue (75%)



Red (63%)

Yellow (65%)

Blue (75%)

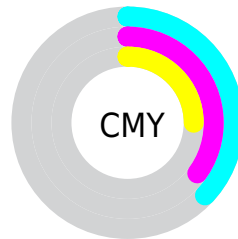


Cyan (15%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (37%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8109, 38.9322, 54.2370 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 37.8109, 38.9322, 54.2370 by changing the saturation by 10% instead.

■ 37.8109, 38.9322,
54.2370

■ 37.8109, 38.9322,
54.2370

328.1030,
341.6021, 420.2133

■ 26.0125, 26.7070,
38.3967

■ 71.1240, 73.5347,
97.8820

■ 16.9657, 17.3533,
25.9865

■ 93.3694, 96.6808,
126.5239

■ 10.3052, 10.4867,
16.5879

119.8278,
124.2360, 160.2700

■ 5.6656, 5.7228,
9.7823

150.8646,
156.5847, 199.5389

■ 2.6815, 2.6773,
5.1511

186.8452,
194.1113, 244.7491

■ 0.9877, 0.9657,
2.2759

228.1349,

■ 0.0000, 0.0000,

237.2001, 296.3192

0.7177

275.0990,
286.2356, 354.6678

■ 0.0000, 0.0000,
0.0000

■ 37.8109, 38.9322,
54.2370

■ 37.8109, 38.9322,
54.2370

■ 31.6679, 31.9044,
53.2049

■ 44.8598, 46.9064,
55.4053

■ 26.3900, 25.7828,
52.3015

■ 52.8459, 55.8558,
56.7118

■ 21.9386, 20.5311,
51.5224

■ 61.8036, 65.8138,
58.1617

■ 18.2707, 16.1090,
50.8622

■ 71.7643, 76.8110,
59.7594

■ 15.3395, 12.4725,
50.3148

■ 82.3884, 88.6857,
61.4915

■ 13.0926, 9.5738,
49.8737

■ 86.2944, 96.4978,
62.7935

■ 11.4705, 7.3590,
49.5317

■ 10.4022, 5.7662,
49.2805

■ 10.0306, 5.1902,
49.1889

Harmonies

Analogous

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



35.8100, 38.9322, 53.8709



37.8109, 38.9322, 54.2370



39.6597, 38.9322, 51.2233

Triad

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



37.8109, 38.9322, 54.2370



39.9716, 38.9322, 35.3853



33.4324, 38.9322, 39.0270

Complementary

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



37.8109, 38.9322, 54.2370



44.8089, 47.8011, 40.5839

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.



34.4694, 38.9322, 34.6364



37.8109, 38.9322, 54.2370



38.2240, 38.9322, 32.6694

Square

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



37.8109, 38.9322, 54.2370



40.9372, 38.9322, 40.1371



36.2084, 38.9322, 32.4084



33.3309, 38.9322, 44.7268

Rectangle

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



37.8109, 38.9322, 54.2370



40.5380, 38.9322, 47.8502



36.2084, 38.9322, 32.4084



33.6813, 38.9322, 37.3628

Sweetspot

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



37.8121, 38.9338, 54.2379



81.5392, 85.2791, 100.4421



41.7341, 47.8535, 52.2295



17.6930, 18.4875, 22.0212



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.



37.8121, 38.9338, 54.2379



64.9781, 66.5172, 97.6935



38.4486, 37.6673, 53.9599



9.1722, 9.5368, 12.0296



6.7163, 3.5444, 32.7231



0.3108, 0.2343, 1.2977

Inverse Universe

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



40.9560, 39.2278, 41.9741



71.6854, 67.2236, 71.5124



44.0874, 49.3195, 40.9150



9.6088, 9.5678, 10.3289



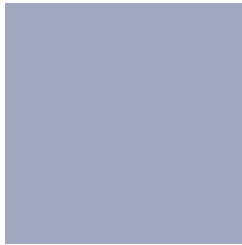
14.3909, 7.3875, 2.0860



0.5878, 0.2990, 0.2086

Previews

White Background



This preview shows how the XYZ color 37.8109, 38.9322, 54.2370 looks on a white background.

Color Contrast Check

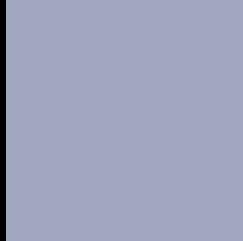
Large Text (above 18pt) WCAG AA × Fail

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 37.8109, 38.9322, 54.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

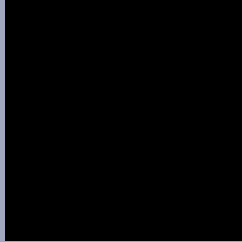
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8109, 38.9322, 54.2370

Background



This preview shows how black text looks on a background with the XYZ color 37.8109, 38.9322, 54.2370.

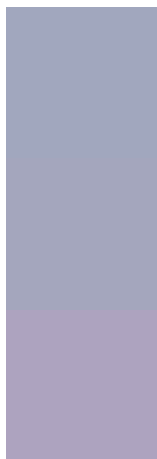


This preview shows how white text looks on a background with the XYZ color 37.8109, 38.9322,

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

37.8109, 38.9322, 54.2370

Protanopia

38.1314, 38.8391, 53.6311

Deuteranopia

39.7347, 38.8402, 54.6929



Tritanopia

36.9433, 38.8562, 49.8089

Trichromacy



Original Color

37.8109, 38.9322, 54.2370

Protanomaly

37.9258, 38.7331, 53.6214

Deuteranomaly

39.0416, 38.7475, 54.7115

Tritanomaly

37.2568, 38.9816, 51.4595

Monochromacy



Original Color

37.8109, 38.9322, 54.2370

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.3562, 39.1392, 46.6600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8109, 38.9322, 54.2370 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(161, 167, 190)` looks like.

```
.text, #text, p{  
    color:rgb(161, 167, 190)  
}
```

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(161, 167, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 167, 190) }
```

Border

The CSS property to change the border of an element to XYZ 37.8109, 38.9322, 54.2370 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(161, 167, 190) }
```


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

```
.border{ border-color:rgb(161, 167, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 167, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 167, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 167, 190);  
box-shadow:4px 4px 4px 4px rgb(161, 167,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8109, 38.9322, 54.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 167, 190) }
```

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

```
.background{ background-color: rgb(161,  
167, 190) }
```

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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