

Converting Colors

XYZ(38.1858, 37.4175, 50.7572)

Have a look what the booklet for
XYZ(38.1858, 37.4175, 50.7572)
contains.

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Color

**XYZ(38.0171, 37.2602,
50.5356)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA0B8
RGB	171, 160, 184
RGB Percent	67%, 63%, 72%
CMY	0.3294, 0.3725, 0.2784
CMYK	0.07, 0.13, 0.00, 0.28
HSL	267°, 14%, 67%
HSV	267°, 13%, 72%
XYZ	38.0171, 37.2602, 50.5356
YIQ	166.0250, -1.1480, 9.7960

Conversions

Conversions Part 2

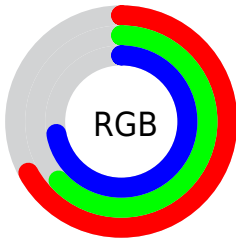
Format	Color
RYB	171, 160, 184
Decimal	11247800
CIELab	67.47, 8.61, -10.93
CIELCh	67, 13.913, 308.208
Yxy	37.2602, 0.3022, 0.2962
Android (android.graphics.Color)	4289437880 (0xFFABA0B8)
YUV	166.0250, 8.8617, 4.3631
Hunter-Lab	61.0411, 4.3498, -6.3571

Details

The XYZ color **38.0171, 37.2602, 50.5356** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7205, 45.7042, 39.9351**, and the grayscale version is **36.2174, 38.1035, 41.4948**.

A 20% lighter version of the original color is **71.3926, 71.0609, 92.3914**, and **17.1731, 16.4979, 23.7520** is the 20% darker color. If you saturate the color by 10%, you get **32.9708, 30.2696, 49.4528**, and if you desaturate by 10%, it is **43.7015, 45.2825, 51.7850**.

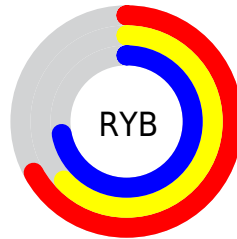
Distribution



Red (67%)

Green (63%)

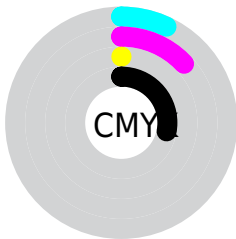
Blue (72%)



Red (67%)

Yellow (63%)

Blue (72%)

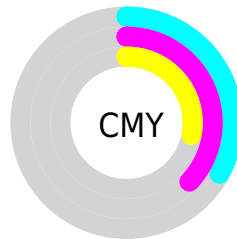


Cyan (7%)

Magenta (13%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (37%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0171, 37.2602, 50.5356 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 38.0171, 37.2602, 50.5356 by changing the saturation by 10% instead.

■ 38.0171, 37.2602,
50.5356

■ 38.0171, 37.2602,
50.5356

328.9729,
334.4357, 405.5517

■ 26.1732, 25.4090,
35.4650

■ 71.4381, 70.9728,
92.3724

■ 17.0866, 16.3820,
23.7349

■ 93.7459, 93.6030,
119.9757

■ 10.3920, 9.7949,
14.9267

120.2724,
120.5950, 152.5936

■ 5.7239, 5.2632,
8.6219

151.3830,
152.3332, 190.6447

■ 2.7170, 2.4025,
4.4020

187.4430,
189.2019, 234.5475

■ 1.0059, 0.8272,
1.8483

228.8177,

■ 0.0000, 0.0000,

231.5857, 284.7206

0.4596

275.8726,
279.8688, 341.5825

■ 0.0000, 0.0000,
0.0000

■ 38.0171, 37.2602,
50.5356

■ 38.0171, 37.2602,
50.5356

■ 32.9708, 30.2696,
49.4528

■ 43.7015, 45.2825,
51.7850

■ 28.5349, 24.2629,
48.5272

■ 50.0435, 54.3725,
53.2053

■ 24.6847, 19.1953,
47.7520

■ 57.0659, 64.5699,
54.8035

■ 21.3923, 15.0167,
47.1190

■ 64.7894, 75.9112,
56.5855

■ 18.6273, 11.6722,
46.6191

■ 73.2335, 88.4312,
58.5571

■ 16.3558, 9.1004,
46.2425

■ 77.3045, 91.9375,
59.0193

■ 14.5396, 7.2313,
45.9774

■ 80.6105, 93.6418,
59.1740

■ 13.1334, 5.9810,
45.8102

■ 84.1026, 95.4421,
59.3374

■ 12.3372, 5.3606,
45.7324

■ 85.6518, 96.2407,
59.4099

Harmonies

Analogous

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



36.0045, 37.2602, 53.3655



38.0171, 37.2602, 50.5356



39.3681, 37.2602, 45.0967

Triad

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



38.0171, 37.2602, 50.5356



36.9619, 37.2602, 30.5961



31.5020, 37.2602, 42.2732

Complementary

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



38.0171, 37.2602, 50.5356



40.7205, 45.7042, 39.9351

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.



31.7352, 37.2602, 36.3569



38.0171, 37.2602, 50.5356



34.8314, 37.2602, 30.0031

Square

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



38.0171, 37.2602, 50.5356



38.7420, 37.2602, 33.7189



32.9339, 37.2602, 32.0091



32.2835, 37.2602, 48.2915

Rectangle

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



38.0171, 37.2602, 50.5356



39.6819, 37.2602, 40.9390



32.9339, 37.2602, 32.0091



31.4650, 37.2602, 40.2032

Sweetspot

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



38.0182, 37.2618, 50.5364



78.1097, 80.5076, 93.6273



38.1322, 40.8995, 51.2326



16.6653, 17.1094, 20.1457



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.0182, 37.2618, 50.5364



65.8421, 63.2575, 90.9443



40.7045, 38.6466, 50.6621



8.9016, 8.9157, 11.3312



8.5823, 3.7355, 31.5218



0.3740, 0.1685, 1.1146

Inverse Universe

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



39.8820, 38.3507, 44.8373



70.0027, 65.6891, 78.1840



38.2252, 44.4179, 39.8183



9.2026, 9.0914, 10.4141



15.2340, 7.6673, 9.1187



0.5679, 0.2826, 0.4839

Previews

White Background



This preview shows how the XYZ color 38.0171, 37.2602, 50.5356 looks on a white background.

Color Contrast Check

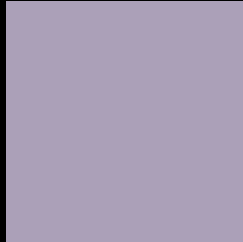
Large Text (above 18pt) WCAG AA × Fail

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 38.0171, 37.2602, 50.5356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

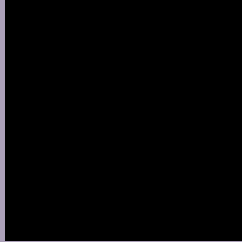
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0171, 37.2602, 50.5356

Background



This preview shows how black text looks on a background with the XYZ color 38.0171, 37.2602, 50.5356.



This preview shows how white text looks on a background with the XYZ color 38.0171, 37.2602,

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

38.0171, 37.2602, 50.5356

Protanopia

36.6581, 37.3166, 51.7251

Deuteranopia

38.0171, 37.2602, 50.5356



Tritanopia

36.9225, 37.3317, 45.3041

Trichromacy



Original Color

38.0171, 37.2602, 50.5356

Protanomaly

37.1943, 37.3428, 51.1465

Deuteranomaly

38.0171, 37.2602, 50.5356

Tritanomaly

37.3583, 37.2501, 47.3405

Monochromacy



Original Color

38.0171, 37.2602, 50.5356

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.9667, 37.8929, 44.9009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0171, 37.2602, 50.5356 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(171, 160, 184)` looks like.

```
.text, #text, p{  
    color:rgb(171, 160, 184)  
}
```

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(171, 160, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 160, 184) }
```

Border

The CSS property to change the border of an element to XYZ 38.0171, 37.2602, 50.5356 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(171, 160, 184) }
```


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

```
.border{ border-color:rgb(171, 160, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 160, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 160, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 160, 184); box-shadow:4px 4px 4px 4px rgb(171, 160, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0171, 37.2602, 50.5356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 160, 184) }
```

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

```
.background{ background-color: rgb(171,  
160, 184) }
```

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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