

Converting Colors

XYZ(38.2917, 37.9812, 47.9613)

Have a look what the booklet for
XYZ(38.2917, 37.9812, 47.9613)
contains.

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Color

**XYZ(38.2906, 37.9796,
47.9605)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA2B3
RGB	173, 162, 179
RGB Percent	68%, 64%, 70%
CMY	0.3216, 0.3647, 0.2980
CMYK	0.03, 0.09, 0.00, 0.30
HSL	279°, 10%, 67%
HSV	279°, 9%, 70%
XYZ	38.2906, 37.9796, 47.9605
YIQ	167.2270, 1.0990, 7.6190

Conversions

Conversions Part 2

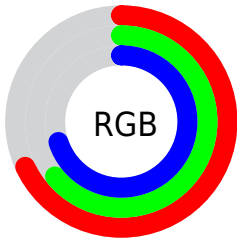
Format	Color
RYB	173, 162, 179
Decimal	11379379
CIELab	68.01, 7.19, -7.34
CIElCh	68, 10.269, 314.409
Yxy	37.9796, 0.3082, 0.3057
Android (android.graphics.Color)	4289569459 (0xFFADA2B3)
YUV	167.2270, 5.8041, 5.0629
Hunter-Lab	61.6276, 3.0578, -3.0020

Details

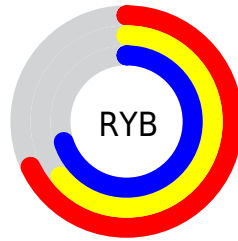
The XYZ color **38.2906, 37.9796, 47.9605** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7916, 43.1747, 40.4734**, and the grayscale version is **36.8144, 38.7316, 42.1787**.

A 20% lighter version of the original color is **71.8032, 72.1178, 88.7330**, and **17.2270, 16.7232, 22.0586** is the 20% darker color. If you saturate the color by 10%, you get **33.9952, 31.4137, 46.9201**, and if you desaturate by 10%, it is **43.1032, 45.4805, 49.1552**.

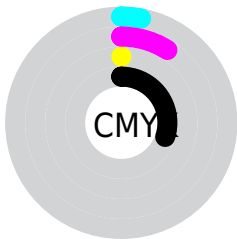
Distribution



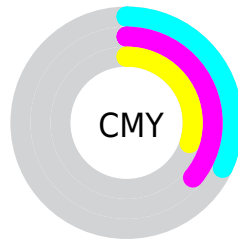
- Red (68%)
- Green (64%)
- Blue (70%)



- Red (68%)
- Yellow (64%)
- Blue (70%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (30%)



- Cyan (32%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2906, 37.9796, 47.9605 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 38.2906, 37.9796, 47.9605 by changing the saturation by 10% instead.

■ 38.2906, 37.9796,
47.9605

■ 38.2906, 37.9796,
47.9605

330.1243,
337.5325, 395.1397

■ 26.3865, 25.9669,
33.4358

■ 71.8544, 72.0769,
88.5105

■ 17.2472, 16.7988,
22.1867

■ 94.2448, 94.9302,
115.3730

■ 10.5073, 10.0912,
13.7945

120.8614,
122.1658, 147.1851

■ 5.8014, 5.4595,
7.8408

152.0695,
154.1681, 184.3654

■ 2.7642, 2.5193,
3.9069

188.2345,
191.3216, 227.3325

■ 1.0303, 0.8863,
1.5744

229.7217,

■ 0.0000, 0.0000,

234.0105, 276.5049

0.2725

276.8965,
282.6193, 332.3011

■ 0.0000, 0.0000,
0.0000

■ 38.2906, 37.9796,
47.9605

■ 38.2906, 37.9796,
47.9605

■ 33.9952, 31.4137,
46.9201

■ 43.1032, 45.4805,
49.1552

■ 30.1938, 25.7398,
46.0253

■ 48.4482, 53.9474,
50.5078

■ 26.8665, 20.9185,
45.2701

■ 54.3444, 63.4161,
52.0247

■ 23.9904, 16.9058,
44.6471

■ 60.8087, 73.9188,
53.7112

■ 21.5408, 13.6534,
44.1484

■ 67.8570, 85.4864,
55.5725

■ 19.4902, 11.1079,
43.7652

■ 70.7359, 88.6108,
56.0238

■ 17.8076, 9.2086,
43.4873

■ 72.5811, 89.5620,
56.1102

■ 16.4565, 7.8845,
43.3029

■ 74.4982, 90.5503,
56.1999

■ 15.3668, 6.9965,
43.1889

■ 76.4880, 91.5761,
56.2930

Harmonies

Analogous

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



36.8681, 37.9796, 50.4710



38.2906, 37.9796, 47.9605



39.1383, 37.9796, 43.7628

Triad

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



38.2906, 37.9796, 47.9605



36.9303, 37.9796, 33.4465



33.2047, 37.9796, 43.5809

Complementary

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



38.2906, 37.9796, 47.9605



38.7916, 43.1747, 40.4734

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.



33.2203, 37.9796, 39.0340



38.2906, 37.9796, 47.9605



35.3396, 37.9796, 33.4057

Square

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



38.2906, 37.9796, 47.9605



38.3373, 37.9796, 35.4985



33.9916, 37.9796, 35.3827



33.9486, 37.9796, 47.8189

Rectangle

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



38.2906, 37.9796, 47.9605



39.2481, 37.9796, 40.6809



33.9916, 37.9796, 35.3827



33.1220, 37.9796, 42.0331

Sweetspot

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



38.2917, 37.9812, 47.9613



74.0243, 76.4830, 87.2424



37.0842, 39.0292, 48.2272



16.2452, 16.7030, 19.2900



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



38.2917, 37.9812, 47.9613



67.2140, 65.9189, 85.5622



39.4211, 38.5897, 46.8274



8.5531, 8.4937, 10.6950



10.8944, 4.9521, 30.5186



0.4032, 0.1870, 0.9631

Inverse Universe

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



38.5800, 38.2533, 42.3980



67.8273, 66.4936, 73.9106



37.7468, 42.6126, 41.4857



8.6161, 8.5532, 9.4770



13.8029, 7.0387, 4.1222



0.4627, 0.2328, 0.2790

Previews

White Background



This preview shows how the XYZ color 38.2906, 37.9796, 47.9605 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 38.2906, 37.9796, 47.9605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

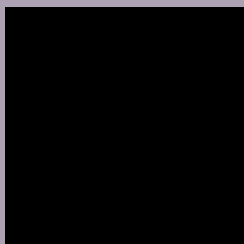
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2906, 37.9796, 47.9605

Background



This preview shows how black text looks on a background with the XYZ color 38.2906, 37.9796, 47.9605.



This preview shows how white text looks on a background with the XYZ color 38.2906, 37.9796,

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

38.2906, 37.9796, 47.9605

Protanopia

37.1055, 38.1390, 49.1220

Deuteranopia

38.7860, 37.9745, 47.9334



Tritanopia

37.8483, 38.0602, 45.9090

Trichromacy



Original Color

38.2906, 37.9796, 47.9605

Protanomaly

37.4500, 38.0617, 48.5528

Deuteranomaly

38.5607, 37.8584, 47.9229

Tritanomaly

37.9469, 38.0996, 46.4282

Monochromacy



Original Color

38.2906, 37.9796, 47.9605

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.1680, 38.2856, 43.9590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2906, 37.9796, 47.9605 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, 162, 179)` looks like.

```
.text, #text, p{  
    color:rgb(173, 162, 179)  
}
```

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, 162, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 162, 179) }
```

Border

The CSS property to change the border of an element to XYZ 38.2906, 37.9796, 47.9605 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, 162, 179) }
```


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

```
.border{ border-color:rgb(173, 162, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 162, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 162, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 162, 179);  
box-shadow:4px 4px 4px 4px rgb(173, 162,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2906, 37.9796, 47.9605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 162, 179) }
```

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

```
.background{ background-color: rgb(173,  
162, 179) }
```

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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