

Converting Colors

XYZ(38.1605, 37.2475, 44.1100)

Have a look what the booklet for
XYZ(38.1605, 37.2475, 44.1100)
contains.

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Color

**XYZ(38.2046, 37.2398,
44.2041)**

Conversions

Conversions Part 1

Format	Color
Hex	B29FAC
RGB	178, 159, 172
RGB Percent	70%, 62%, 67%
CMY	0.3020, 0.3765, 0.3255
CMYK	0.00, 0.11, 0.03, 0.30
HSL	319°, 11%, 66%
HSV	319°, 11%, 70%
XYZ	38.2046, 37.2398, 44.2041
YIQ	166.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

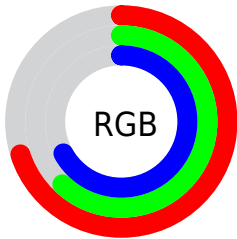
Format	Color
RYB	178, 159, 172
Decimal	11706284
CIELab	67.46, 9.28, -4.20
CIELCh	67, 10.183, 335.634
Yxy	37.2398, 0.3193, 0.3112
Android (android.graphics.Color)	4289896364 (0xFFB29FAC)
YUV	166.1630, 2.8776, 10.3810
Hunter-Lab	61.0244, 4.9580, -0.2306

Details

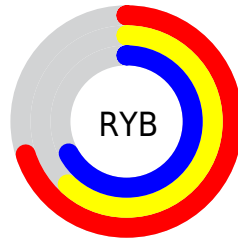
The XYZ color **38.2046, 37.2398, 44.2041** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0114, 41.9293, 41.7417**, and the grayscale version is **36.3093, 38.2002, 41.6000**.

A 20% lighter version of the original color is **71.8434, 71.1316, 82.6163**, and **17.2102, 16.4412, 20.0357** is the 20% darker color. If you saturate the color by 10%, you get **34.8331, 31.3422, 40.4727**, and if you desaturate by 10%, it is **42.0419, 44.0314, 48.2043**.

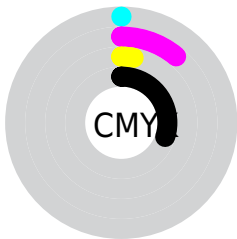
Distribution



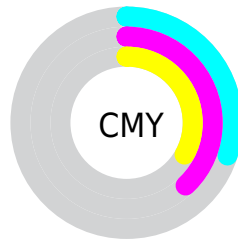
- Red (70%)
- Green (62%)
- Blue (67%)



- Red (70%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (30%)





- Cyan (30%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2046, 37.2398, 44.2041 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 38.2046, 37.2398, 44.2041 by changing the saturation by 10% instead.


 38.2046, 37.2398,
44.2041


 38.2046, 37.2398,
44.2041

329.7625,
334.3476, 379.6062

 26.3195, 25.3932,
30.4926


 71.7235, 70.9414,
82.8305

 17.1967, 16.3703,
19.9576

 94.0880, 93.5653,
108.5826

 10.4710, 9.7865,
12.1804


120.6763,
120.5503, 139.1852

 5.7770, 5.2577,
6.7427

151.8538,
152.2810, 175.0569

 2.7493, 2.3992,
3.2257

187.9858,
189.1417, 216.6164

 1.0226, 0.8255,
1.2110

229.4377,

 0.0000, 0.0000,

231.5167, 264.2821

0.0000

276.5748,
279.7905, 318.4725

■ 38.2046, 37.2398,
44.2041

■ 38.2046, 37.2398,
44.2041

■ 34.8331, 31.3422,
40.4727

■ 42.0419, 44.0314,
48.2043

■ 31.9051, 26.2961,
37.0001

■ 46.3597, 51.7474,
52.4784

■ 29.4014, 22.0628,
33.7788

■ 51.1759, 60.4229,
57.0340

■ 27.2998, 18.5987,
30.8001

■ 56.5067, 70.0897,
61.8778

■ 25.5764, 15.8562,
28.0545

■ 62.3675, 80.7781,
67.0162

■ 24.2044, 13.7821,
25.5316

■ 65.2285, 85.4283,
71.2739

■ 23.1532, 12.3161,
23.2197

■ 65.9227, 85.7061,
74.9299

■ 22.3871, 11.3868,
21.1052

■ 66.6417, 85.9936,
78.7159

■ 21.8596, 10.8648,
19.2863

■ 67.3856, 86.2912,
82.6330

Harmonies

Analogous

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



37.1755, 37.2398, 47.9545



38.2046, 37.2398, 44.2041



38.4717, 37.2398, 39.7086

Triad

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



38.2046, 37.2398, 44.2041



35.1011, 37.2398, 32.5701



33.0081, 37.2398, 45.7727

Complementary

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



38.2046, 37.2398, 44.2041



37.0114, 41.9293, 41.7417

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.



32.4875, 37.2398, 41.3988



38.2046, 37.2398, 44.2041



33.6728, 37.2398, 33.9459

Square

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



38.2046, 37.2398, 44.2041



36.6500, 37.2398, 33.2008



32.7272, 37.2398, 37.0989



34.1696, 37.2398, 48.9058

Rectangle

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



38.2046, 37.2398, 44.2041



38.1750, 37.2398, 36.9365



32.7272, 37.2398, 37.0989



32.7539, 37.2398, 44.3871

Sweetspot

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



38.2057, 37.2414, 44.2049



74.5061, 76.7673, 85.6441



35.8902, 35.9797, 47.1731



16.3798, 16.7824, 18.8436



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.



38.2057, 37.2414, 44.2049



67.6431, 64.6526, 78.3888



37.3525, 36.9001, 39.7119



8.7335, 8.6001, 10.0951



15.6701, 7.7856, 13.9545



0.5180, 0.2550, 0.5707

Inverse Universe

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



38.2057, 37.2414, 44.2049



67.6431, 64.6526, 78.3888



37.8792, 42.2764, 46.3112



8.7335, 8.6001, 10.0951



15.6701, 7.7856, 13.9545



0.5180, 0.2550, 0.5707

Previews

White Background



This preview shows how the XYZ color 38.2046, 37.2398, 44.2041 looks on a white background.

Color Contrast Check

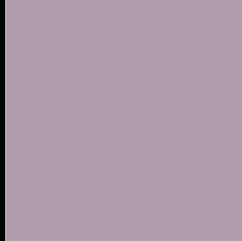
Large Text (above 18pt) WCAG AA × Fail

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 38.2046, 37.2398, 44.2041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

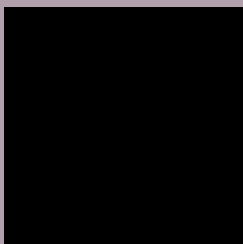
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

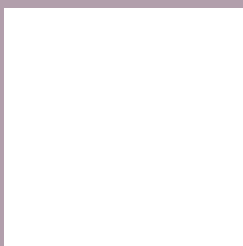
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2046, 37.2398, 44.2041

Background



This preview shows how black text looks on a background with the XYZ color 38.2046, 37.2398, 44.2041.



This preview shows how white text looks on a background with the XYZ color 38.2046, 37.2398,

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

38.2046, 37.2398, 44.2041

Protanopia

36.1449, 37.1820, 45.8293

Deuteranopia

37.9760, 37.1219, 44.1934



Tritanopia

38.2046, 37.2398, 44.2041

Trichromacy



Original Color

38.2046, 37.2398, 44.2041

Protanomaly

36.9225, 37.3317, 45.3041

Deuteranomaly

37.9760, 37.1219, 44.1934

Tritanomaly

38.2046, 37.2398, 44.2041

Monochromacy



Original Color

38.2046, 37.2398, 44.2041

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.7426, 37.5676, 42.3605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2046, 37.2398, 44.2041 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(178, 159, 172)` looks like.

```
.text, #text, p{  
    color:rgb(178, 159, 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(178, 159, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 159, 172) }
```

Border

The CSS property to change the border of an element to XYZ 38.2046, 37.2398, 44.2041 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(178, 159, 172) }
```


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

```
.border{ border-color:rgb(178, 159, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 159, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 159, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 159, 172);  
box-shadow:4px 4px 4px 4px rgb(178, 159,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2046, 37.2398, 44.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 159, 172) }
```

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

```
.background{ background-color: rgb(178,  
159, 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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