

Converting Colors

XYZ(38.3942, 37.0152, 47.2405)

Have a look what the booklet for
XYZ(38.3942, 37.0152, 47.2405)
contains.

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Color

**XYZ(38.3942, 37.0152,
47.2405)**

Conversions

Conversions Part 1

Format	Color
Hex	B19EB2
RGB	177, 158, 178
RGB Percent	69%, 62%, 70%
CMY	0.3059, 0.3804, 0.3020
CMYK	0.01, 0.11, 0.00, 0.30
HSL	297°, 11%, 66%
HSV	297°, 11%, 70%
XYZ	38.3942, 37.0152, 47.2405
YIQ	165.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

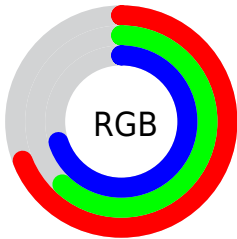
Format	Color
RYB	177, 158, 178
Decimal	11640498
CIELab	67.29, 10.61, -7.81
CIELCh	67, 13.173, 323.653
Yxy	37.0152, 0.3130, 0.3018
Android (android.graphics.Color)	4289830578 (0xFFB19EB2)
YUV	165.9610, 5.9352, 9.6812
Hunter-Lab	60.8401, 6.1753, -3.4488

Details

The XYZ color **38.3942, 37.0152, 47.2405** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3914, 41.6813, 38.4769**, and the grayscale version is **36.1982, 38.0833, 41.4727**.

A 20% lighter version of the original color is **72.2498, 70.8527, 87.7099**, and **17.2715, 16.2811, 21.6343** is the 20% darker color. If you saturate the color by 10%, you get **35.3736, 31.2733, 46.2920**, and if you desaturate by 10%, it is **41.8581, 43.6405, 48.3373**.

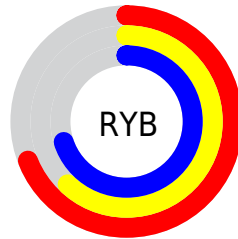
Distribution



Red (69%)

Green (62%)

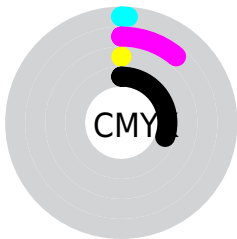
Blue (70%)



Red (69%)

Yellow (62%)

Blue (70%)

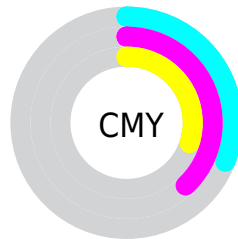


Cyan (1%)

Magenta (11%)

Yellow (0%)

Black (30%)



Cyan (31%)

Magenta (38%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3942, 37.0152, 47.2405 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 38.3942, 37.0152, 47.2405 by changing the saturation by 10% instead.

■ 38.3942, 37.0152,
47.2405

■ 38.3942, 37.0152,
47.2405

330.5597,
333.3763, 392.1952

■ 26.4674, 25.2193,
32.8701

■ 72.0120, 70.5962,
87.4262

■ 17.3081, 16.2405,
21.7567

■ 94.4336, 93.1500,
114.0787

■ 10.5511, 9.6945,
13.4816

121.0842,
120.0585, 145.6622

■ 5.8309, 5.1969,
7.6264

152.3292,
151.7062, 182.5954

■ 2.7822, 2.3632,
3.7725

188.5339,
188.4775, 225.2967

■ 1.0397, 0.8069,
1.5014

230.0636,

■ 0.0000, 0.0000,

230.7566, 274.1848

0.2190

277.2838,
278.9281, 329.6781

■ 0.0000, 0.0000,
0.0000

■ 38.3942, 37.0152,
47.2405

■ 38.3942, 37.0152,
47.2405

■ 35.3736, 31.2733,
46.2920

■ 41.8581, 43.6405,
48.3373

■ 32.7741, 26.3725,
45.4830

■ 45.7797, 51.1798,
49.5858

■ 30.5768, 22.2738,
44.8077

■ 50.1768, 59.6680,
50.9925

■ 28.7596, 18.9337,
44.2588

■ 55.0652, 69.1371,
52.5625

■ 27.2988, 16.3043,
43.8282

■ 60.4602, 79.6172,
54.3011

■ 26.1677, 14.3323,
43.5072

■ 63.1680, 84.7211,
55.1435

■ 25.3359, 12.9569,
43.2856

■ 63.3794, 84.8300,
55.1534

■ 24.7674, 12.1062,
43.1513

■ 63.5921, 84.9397,
55.1633

■ 24.4199, 11.6606,
43.0836

■ 63.8062, 85.0500,
55.1734

Harmonies

Analogous

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



36.7586, 37.0152, 51.3402



38.3942, 37.0152, 47.2405



39.1729, 37.0152, 41.5418

Triad

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



38.3942, 37.0152, 47.2405



35.6117, 37.0152, 30.2545



31.7524, 37.0152, 44.9188

Complementary

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



38.3942, 37.0152, 47.2405



36.3914, 41.6813, 38.4769

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.



31.4715, 37.0152, 39.0896



38.3942, 37.0152, 47.2405



33.6509, 37.0152, 30.9736

Square

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



38.3942, 37.0152, 47.2405



37.5274, 37.0152, 32.0137



32.1538, 37.0152, 34.0808



32.9361, 37.0152, 49.9129

Rectangle

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



38.3942, 37.0152, 47.2405



39.0809, 37.0152, 37.7415



32.1538, 37.0152, 34.0808



31.5511, 37.0152, 42.9784

Sweetspot

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



38.3953, 37.0168, 47.2413



74.7038, 76.8333, 87.2742



34.5362, 35.2816, 47.1098



16.4350, 16.8008, 19.2989



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.



38.3953, 37.0168, 47.2413



68.4731, 64.9282, 85.3047



37.7496, 36.7849, 42.6479



8.8072, 8.6247, 10.7069



17.4886, 8.3515, 30.8272



0.5630, 0.2693, 0.9705

Inverse Universe

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



36.8463, 36.4236, 37.8912



65.2144, 63.6811, 65.5995



36.9973, 41.9008, 42.6983



8.5130, 8.5119, 8.9340



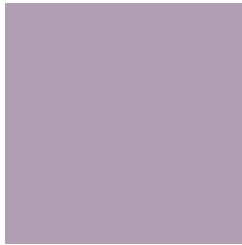
13.1788, 6.7891, 0.8355



0.4203, 0.2159, 0.0561

Previews

White Background



This preview shows how the XYZ color 38.3942, 37.0152, 47.2405 looks on a white background.

Color Contrast Check

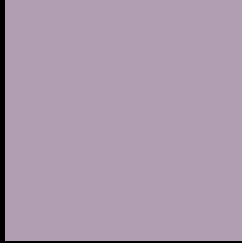
Large Text (above 18pt) WCAG AA × Fail

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 38.3942, 37.0152, 47.2405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

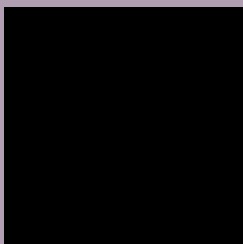
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

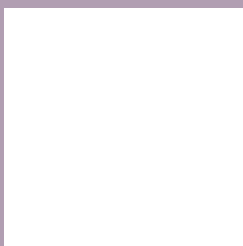
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3942, 37.0152, 47.2405

Background



This preview shows how black text looks on a background with the XYZ color 38.3942, 37.0152, 47.2405.



This preview shows how white text looks on a background with the XYZ color 38.3942, 37.0152,

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

38.3942, 37.0152, 47.2405

Protanopia

36.3380, 37.2120, 48.9835

Deuteranopia

37.6676, 36.8949, 47.2556



Tritanopia

37.7490, 37.0049, 44.1828

Trichromacy



Original Color

38.3942, 37.0152, 47.2405

Protanomaly

36.9194, 37.0005, 48.3760

Deuteranomaly

37.8896, 37.0093, 47.2660

Tritanomaly

37.9426, 37.0824, 45.2022

Monochromacy



Original Color

38.3942, 37.0152, 47.2405

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.9305, 37.6427, 43.3495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3942, 37.0152, 47.2405 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(177, 158, 178)` looks like.

```
.text, #text, p{  
    color:rgb(177, 158, 178)  
}
```

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(177, 158, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 158, 178) }
```

Border

The CSS property to change the border of an element to XYZ 38.3942, 37.0152, 47.2405 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(177, 158, 178) }
```


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

```
.border{ border-color:rgb(177, 158, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 158, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 158, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 158, 178);  
box-shadow:4px 4px 4px 4px rgb(177, 158,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3942, 37.0152, 47.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 158, 178) }
```

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

```
.background{ background-color: rgb(177,  
158, 178) }
```

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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