

Converting Colors

XYZ(38.4707, 41.1083, 41.9975)

Have a look what the booklet for
XYZ(38.4707, 41.1083, 41.9975)
contains.

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Color

**XYZ(38.6211, 41.2982,
42.0122)**

Conversions

Conversions Part 1

Format	Color
Hex	ABADA6
RGB	171, 173, 166
RGB Percent	67%, 68%, 65%
CMY	0.3294, 0.3216, 0.3490
CMYK	0.01, 0.00, 0.04, 0.32
HSL	77°, 4%, 66%
HSV	77°, 4%, 68%
XYZ	38.6211, 41.2982, 42.0122
YIQ	171.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

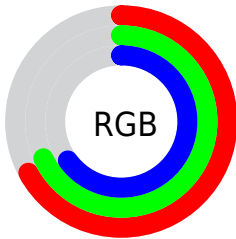
Format	Color
RYB	166, 173, 168
Decimal	11251110
CIELab	70.38, -2.01, 3.34
CIELCh	70, 3.894, 121.042
Yxy	41.2982, 0.3167, 0.3387
Android (android.graphics.Color)	4289441190 (0xFFABADA6)
YUV	171.6040, -2.7628, -0.5297
Hunter-Lab	64.2637, -5.1867, 6.2239

Details

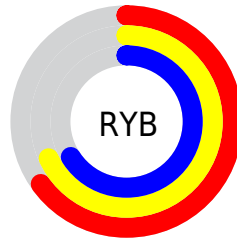
The XYZ color **38.6211, 41.2982, 42.0122** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3290, 38.6155, 45.0233**, and the grayscale version is **39.0267, 41.0591, 44.7134**.

A 20% lighter version of the original color is **72.1586, 76.8760, 79.4420**, and **17.4824, 18.8116, 18.6292** is the 20% darker color. If you saturate the color by 10%, you get **36.0823, 40.1618, 34.1590**, and if you desaturate by 10%, it is **41.4161, 42.5444, 50.9936**.

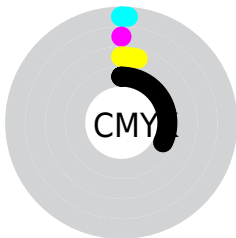
Distribution



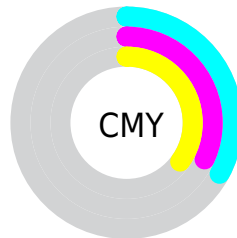
- Red (67%)
- Green (68%)
- Blue (65%)



- Red (65%)
- Yellow (68%)
- Blue (66%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (32%)



- Cyan (33%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6211, 41.2982, 42.0122 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 38.6211, 41.2982, 42.0122 by changing the saturation by 10% instead.

■ 38.6211, 41.2982,
42.0122

■ 38.6211, 41.2982,
42.0122

331.5118,
351.5654, 370.3347

■ 26.6445, 28.5522,
28.7852

■ 72.3569, 77.1364,
79.4884

■ 17.4416, 18.7423,
18.6742

■ 94.8468, 100.9973,
104.5746

■ 10.6471, 11.4842,
11.2607

121.5719,
129.3320, 134.4511

■ 5.8956, 6.3935,
6.1261

152.8975,
162.5248, 169.5362

■ 2.8218, 3.0858,
2.8519

189.1889,
200.9601, 210.2486

■ 1.0602, 1.1767,
1.0195

230.8115,

■ 0.0000, 0.0425,

245.0224, 257.0068

0.0000

278.1307,
295.0960, 310.2293

■ 0.0000, 0.0000,
0.0000

■ 38.6211, 41.2982,
42.0122

■ 38.6211, 41.2982,
42.0122

■ 36.0823, 40.1618,
34.1590

■ 41.4161, 42.5444,
50.9936

■ 33.7874, 39.1263,
27.3867

■ 44.4722, 43.8984,
61.1425

■ 31.7280, 38.1895,
21.6485

■ 47.7986, 45.3653,
72.4999

■ 29.8940, 37.3474,
16.8935

■ 51.4030, 46.9482,
85.1037

■ 28.2744, 36.5954,
13.0662

■ 55.2927, 48.6501,
98.9904

■ 26.8571, 35.9289,
10.1055

■ 56.9984, 49.4832,
101.1548

■ 25.6287, 35.3422,
7.9433

■ 58.3475, 50.1787,
101.2180

■ 24.5739, 34.8293,
6.5011

■ 59.7398, 50.8965,
101.2831

■ 23.6742, 34.3826,
5.6845

■ 61.1757, 51.6367,
101.3503

Harmonies

Analogous

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



39.2303, 41.2982, 41.5319



38.6211, 41.2982, 42.0122



38.1850, 41.2982, 43.2807

Triad

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



38.6211, 41.2982, 42.0122



38.6595, 41.2982, 48.1237



40.4969, 41.2982, 44.9026

Complementary

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



38.6211, 41.2982, 42.0122



37.3290, 38.6155, 45.0233

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.



40.3401, 41.2982, 46.6960



38.6211, 41.2982, 42.0122



39.2751, 41.2982, 48.5859

Square

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



38.6211, 41.2982, 42.0122



38.2070, 41.2982, 46.8100



39.8911, 41.2982, 48.0566



40.3173, 41.2982, 43.1725

Rectangle

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



38.6211, 41.2982, 42.0122



38.0488, 41.2982, 44.4198



39.8911, 41.2982, 48.0566



40.4817, 41.2982, 45.5181

Sweetspot

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



38.6223, 41.3000, 42.0131



70.6346, 74.6176, 79.8967



38.1175, 39.6378, 41.7189



15.3565, 16.2188, 17.3826



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



38.6223, 41.3000, 42.0131



68.6734, 73.7420, 73.6848



37.8735, 40.9140, 41.9781



8.6535, 9.3107, 9.2239



17.0923, 25.1085, 3.9456



0.5257, 0.7244, 0.1121

Inverse Universe

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



37.3290, 38.6155, 45.0233



65.7824, 67.7409, 80.4140



38.0805, 39.0029, 45.0585



8.2537, 8.4807, 10.1546



6.5389, 2.7308, 29.2270



0.2363, 0.1040, 0.8156

Previews

White Background



This preview shows how the XYZ color 38.6211, 41.2982, 42.0122 looks on a white background.

Color Contrast Check

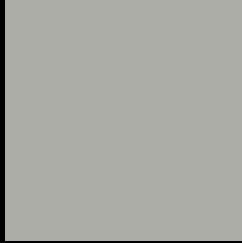
Large Text (above 18pt) WCAG AA × Fail

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 38.6211, 41.2982, 42.0122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

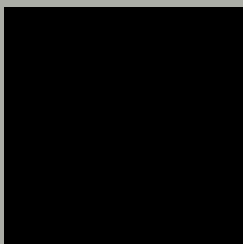
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

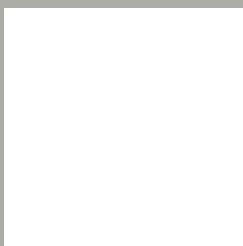
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.6211, 41.2982, 42.0122

Background



This preview shows how black text looks on a background with the XYZ color 38.6211, 41.2982, 42.0122.



This preview shows how white text looks on a background with the XYZ color 38.6211, 41.2982,

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

38.6211, 41.2982, 42.0122

Protanopia

39.4859, 41.1895, 41.4666

Deuteranopia

41.8465, 41.0096, 42.2693



Tritanopia

40.4820, 41.2088, 51.1679

Trichromacy



Original Color

38.6211, 41.2982, 42.0122

Protanomaly

39.2233, 41.3356, 41.5086

Deuteranomaly

40.6915, 41.2332, 42.3734

Tritanomaly

39.7323, 41.1844, 47.4502

Monochromacy



Original Color

38.6211, 41.2982, 42.0122

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.0215, 41.1780, 43.9217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6211, 41.2982, 42.0122 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, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 166)  
}
```

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, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 166) }
```

Border

The CSS property to change the border of an element to XYZ 38.6211, 41.2982, 42.0122 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, 173, 166) }
```


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

```
.border{ border-color:rgb(171, 173, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 173, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6211, 41.2982, 42.0122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 166) }
```

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

```
.background{ background-color: rgb(171,  
173, 166) }
```

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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