

Converting Colors

XYZ(42.5385, 42.0295, 50.3145)

Have a look what the booklet for
XYZ(42.5385, 42.0295, 50.3145)
contains.

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Color

**XYZ(42.3986, 41.9437,
50.1173)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A9B6
RGB	184, 169, 182
RGB Percent	72%, 66%, 71%
CMY	0.2784, 0.3372, 0.2863
CMYK	0.00, 0.08, 0.01, 0.28
HSL	308°, 10%, 69%
HSV	308°, 8%, 72%
XYZ	42.3986, 41.9437, 50.1173
YIQ	174.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

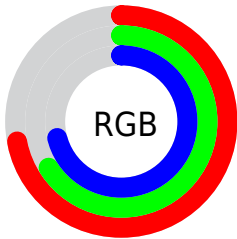
Format	Color
RYB	184, 169, 182
Decimal	12102070
CIELab	70.83, 7.76, -4.71
CIELCh	71, 9.080, 328.751
Yxy	41.9437, 0.3153, 0.3119
Android (android.graphics.Color)	4290292150 (0xFFB8A9B6)
YUV	174.9670, 3.4673, 7.9219
Hunter-Lab	64.7640, 3.5205, -0.5465

Details

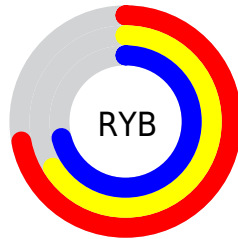
The XYZ color **42.3986, 41.9437, 50.1173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.8549, 45.6573, 45.1896**, and the grayscale version is **40.7124, 42.8326, 46.6447**.

A 20% lighter version of the original color is **78.0235, 78.0096, 91.8340**, and **19.6838, 19.1329, 23.4244** is the 20% darker color. If you saturate the color by 10%, you get **38.9626, 35.4734, 47.7323**, and if you desaturate by 10%, it is **46.3232, 49.3828, 52.6881**.

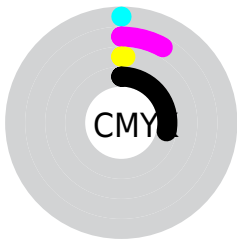
Distribution



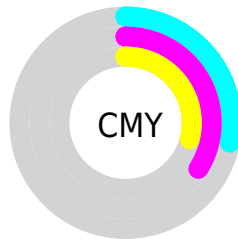
- Red (72%)
- Green (66%)
- Blue (71%)



- Red (72%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (28%)



- Cyan (28%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3986, 41.9437, 50.1173 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 42.3986, 41.9437, 50.1173 by changing the saturation by 10% instead.

■ 42.3986, 41.9437,
50.1173

■ 42.3986, 41.9437,
50.1173

347.0962,
354.2495, 403.8727

■ 29.6060, 29.0572,
35.1348

■ 78.0639, 78.1144,
91.7467

■ 19.6863, 19.1241,
23.4823

■ 101.6674,
102.1674, 119.2307

■ 12.2742, 11.7600,
14.7414

129.6051,
130.7114, 151.7190

■ 7.0042, 6.5805,
8.4935

162.2426,
164.1307, 189.6300

■ 3.5111, 3.2011,
4.3201

199.9450,
202.8098, 233.3823

■ 1.4294, 1.2376,
1.8025

243.0779,

■ 0.2771, 0.0921,

247.1330, 283.3945

0.4296

292.0065,
297.4848, 340.0851

■ 0.0000, 0.0000,
0.0000

■ 42.3986, 41.9437,
50.1173

■ 42.3986, 41.9437,
50.1173

■ 38.9626, 35.4734,
47.7323

■ 46.3232, 49.3828,
52.6881

■ 35.9916, 29.9265,
45.5236

■ 50.7515, 57.8230,
55.4484

■ 33.4652, 25.2620,
43.4848

■ 55.7028, 67.3018,
58.4051

■ 31.3605, 21.4336,
41.6081

■ 61.1939, 77.8530,
61.5640

■ 29.6520, 18.3910,
39.8850

■ 65.2953, 85.6176,
64.2820

■ 28.3120, 16.0782,
38.3061

■ 65.5737, 85.7290,
65.7482

■ 27.3088, 14.4321,
36.8607

■ 65.8567, 85.8422,
67.2384

■ 26.6053, 13.3787,
35.5364

■ 66.1443, 85.9572,
68.7529

■ 26.1424, 12.7996,
34.3132

■ 66.4365, 86.0741,
70.2917

Harmonies

Analogous

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



41.2782, 41.9437, 53.3491



42.3986, 41.9437, 50.1173



42.8380, 41.9437, 45.8509

Triad

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



42.3986, 41.9437, 50.1173



39.9295, 41.9437, 37.8554



37.3762, 41.9437, 49.7843

Complementary

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



42.3986, 41.9437, 50.1173



40.8549, 45.6573, 45.1896

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.



37.0352, 41.9437, 45.4887



42.3986, 41.9437, 50.1173



38.4868, 41.9437, 38.7648

Square

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



42.3986, 41.9437, 50.1173



41.3904, 41.9437, 38.9274



37.4368, 41.9437, 41.4931



38.3799, 41.9437, 53.1484

Rectangle

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



42.3986, 41.9437, 50.1173



42.6773, 41.9437, 43.0501



37.4368, 41.9437, 41.4931



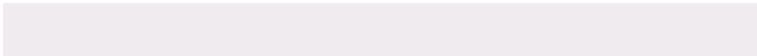
37.1814, 41.9437, 48.3932

Sweetspot

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



42.3998, 41.9455, 50.1182



81.1038, 84.0712, 93.6612



39.6361, 40.4967, 51.0755



17.5009, 18.1554, 20.2022



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.



42.3998, 41.9455, 50.1182



75.5338, 73.5317, 89.9531



41.6453, 41.6437, 46.1452



9.3280, 9.1416, 11.0747



17.9830, 8.7670, 23.5952



0.6484, 0.3148, 0.9077

Inverse Universe

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



42.3998, 41.9455, 50.1182



75.5338, 73.5317, 89.9531



41.5902, 45.9514, 49.0618



9.3280, 9.1416, 11.0747



17.9830, 8.7670, 23.5952



0.6484, 0.3148, 0.9077

Previews

White Background



This preview shows how the XYZ color 42.3986, 41.9437, 50.1173 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 42.3986, 41.9437, 50.1173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

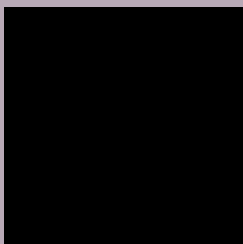
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

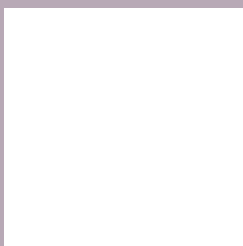
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3986, 41.9437, 50.1173

Background



This preview shows how black text looks on a background with the XYZ color 42.3986, 41.9437, 50.1173.



This preview shows how white text looks on a background with the XYZ color 42.3986, 41.9437,

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

42.3986, 41.9437, 50.1173

Protanopia

40.6378, 41.8500, 51.2834

Deuteranopia

42.6958, 41.8218, 50.0781



Tritanopia

42.3986, 41.9437, 50.1173

Trichromacy



Original Color

42.3986, 41.9437, 50.1173

Protanomaly

41.2416, 41.8918, 50.7120

Deuteranomaly

42.4537, 41.6970, 50.0667

Tritanomaly

42.3986, 41.9437, 50.1173

Monochromacy



Original Color

42.3986, 41.9437, 50.1173

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3395, 42.5665, 48.1568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3986, 41.9437, 50.1173 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(184, 169, 182)` looks like.

```
.text, #text, p{  
    color:rgb(184, 169, 182)  
}
```

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(184, 169, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 169, 182) }
```

Border

The CSS property to change the border of an element to XYZ 42.3986, 41.9437, 50.1173 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(184, 169, 182) }
```


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

```
.border{ border-color:rgb(184, 169, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 169, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 169, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 169, 182);  
box-shadow:4px 4px 4px 4px rgb(184, 169,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3986, 41.9437, 50.1173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 169, 182) }
```

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

```
.background{ background-color: rgb(184,  
169, 182) }
```

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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