

Converting Colors

XYZ(41.3456, 41.9373, 52.3160)

Have a look what the booklet for
XYZ(41.3456, 41.9373, 52.3160)
contains.

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Color

**XYZ(41.3303, 41.9011,
52.3638)**

Conversions

Conversions Part 1

Format	Color
Hex	B0ABBA
RGB	176, 171, 186
RGB Percent	69%, 67%, 73%
CMY	0.3098, 0.3294, 0.2706
CMYK	0.05, 0.08, 0.00, 0.27
HSL	260°, 10%, 70%
HSV	260°, 8%, 73%
XYZ	41.3303, 41.9011, 52.3638
YIQ	174.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

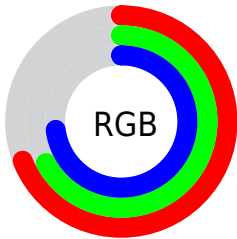
Format	Color
RYB	176, 171, 186
Decimal	11578298
CIELab	70.80, 4.65, -7.03
CIELCh	71, 8.435, 303.485
Yxy	41.9011, 0.3048, 0.3090
Android (android.graphics.Color)	4289768378 (0xFFB0ABBA)
YUV	174.2050, 5.8149, 1.5742
Hunter-Lab	64.7311, 0.6916, -2.6505

Details

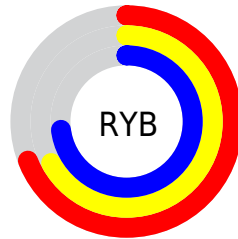
The XYZ color **41.3303, 41.9011, 52.3638** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9673, 47.8830, 45.4552**, and the grayscale version is **40.3102, 42.4095, 46.1839**.

A 20% lighter version of the original color is **76.5021, 77.9593, 95.0200**, and **18.9988, 19.0981, 24.8752** is the 20% darker color. If you saturate the color by 10%, you get **35.3841, 33.9830, 51.1495**, and if you desaturate by 10%, it is **48.0296, 50.9437, 53.7567**.

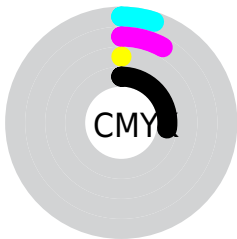
Distribution



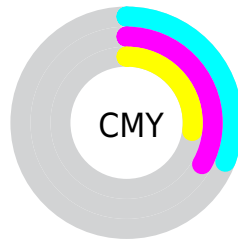
- Red (69%)
- Green (67%)
- Blue (73%)



- Red (69%)
- Yellow (67%)
- Blue (73%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (27%)



- Cyan (31%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3303, 41.9011, 52.3638 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 41.3303, 41.9011, 52.3638 by changing the saturation by 10% instead.

■ 41.3303, 41.9011,
52.3638

■ 41.3303, 41.9011,
52.3638

342.7383,
354.0728, 412.8363

■ 28.7661, 29.0239,
36.9109

■ 76.4566, 78.0499,
95.0996

■ 19.0473, 19.0989,
24.8433

99.7494, 102.0903,
123.2195

■ 11.8087, 11.7417,
15.7424

127.3490,
130.6205, 156.3989

■ 6.6848, 6.5681,
9.1897

159.6210,
164.0249, 195.0563

■ 3.3103, 3.1935,
4.7666

196.9305,
202.6880, 239.6102

■ 1.3199, 1.2336,
2.0546

239.6430,

■ 0.1981, 0.0889,

246.9940, 290.4791

0.5886

288.1238,
297.3275, 348.0817

■ 0.0000, 0.0000,
0.0000

■ 41.3303, 41.9011,
52.3638

■ 41.3303, 41.9011,
52.3638

■ 35.3841, 33.9830,
51.1495

■ 48.0296, 50.9437,
53.7567

■ 30.1600, 27.1394,
50.1039

■ 55.5042, 61.1474,
55.3323

■ 25.6300, 21.3244,
49.2202

■ 63.7800, 72.5540,
57.0978

■ 21.7631, 16.4869,
48.4903

■ 72.8804, 85.2012,
59.0593

■ 18.5256, 12.5711,
47.9051

■ 79.8878, 93.2448,
60.2426

■ 15.8805, 9.5154,
47.4547

■ 84.1970, 95.4663,
60.4442

■ 13.7866, 7.2504,
47.1279

■ 85.8631, 96.3252,
60.5222

■ 12.1967, 5.6955,
46.9116

■ 11.0412, 4.7261,
46.7854

Harmonies

Analogous

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



39.9897, 41.9011, 53.7639



41.3303, 41.9011, 52.3638



42.2848, 41.9011, 49.1542

Triad

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



41.3303, 41.9011, 52.3638



41.0403, 41.9011, 39.0630



37.1973, 41.9011, 46.0937

Complementary

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



41.3303, 41.9011, 52.3638



43.9673, 47.8830, 45.4552

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.



37.4639, 41.9011, 42.2654



41.3303, 41.9011, 52.3638



39.6622, 41.9011, 38.3487

Square

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



41.3303, 41.9011, 52.3638



42.1146, 41.9011, 41.4983



38.3581, 41.9011, 39.4874



37.6213, 41.9011, 50.0127

Rectangle

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



41.3303, 41.9011, 52.3638



42.5621, 41.9011, 46.5040



38.3581, 41.9011, 39.4874



37.2092, 41.9011, 44.7535

Sweetspot

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



41.3315, 41.9029, 52.3647



82.0693, 85.5831, 96.3951



42.2338, 45.3540, 52.9833



18.1010, 18.8847, 21.2336



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.3315, 41.9029, 52.3647



72.5368, 72.7660, 94.4235



43.0152, 42.7708, 52.4435



8.7955, 8.8610, 11.3262



7.3701, 3.1106, 31.4650



0.3272, 0.1444, 1.1124

Inverse Universe

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



43.1546, 42.9030, 49.7250



76.6586, 75.0281, 88.4178



42.3110, 47.0292, 45.3777



9.2503, 9.1105, 10.6653



16.1079, 8.0169, 13.7210



0.5953, 0.2936, 0.6282

Previews

White Background



This preview shows how the XYZ color 41.3303, 41.9011, 52.3638 looks on a white background.

Color Contrast Check

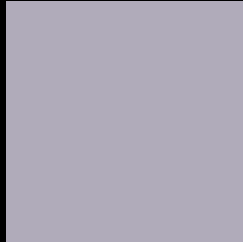
Large Text (above 18pt) WCAG AA × Fail

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 41.3303, 41.9011, 52.3638 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 41.3303, 41.9011, 52.3638

Background



This preview shows how black text looks on a background with the XYZ color 41.3303, 41.9011, 52.3638.



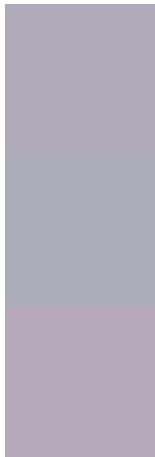
This preview shows how white text looks on a background with the XYZ color 41.3303, 41.9011,

52.3638.

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

41.3303, 41.9011, 52.3638

Protanopia

40.7354, 41.8636, 52.9472

Deuteranopia

42.7394, 41.7835, 52.8261



Tritanopia

41.2244, 41.8587, 51.8057

Trichromacy



Original Color

41.3303, 41.9011, 52.3638

Protanomaly

40.9557, 41.9771, 52.9575

Deuteranomaly

42.2137, 41.7875, 52.8546

Tritanomaly

41.2244, 41.8587, 51.8057

Monochromacy



Original Color

41.3303, 41.9011, 52.3638

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6586, 42.2155, 48.1249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3303, 41.9011, 52.3638 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(176, 171, 186)` looks like.

```
.text, #text, p{  
    color:rgb(176, 171, 186)  
}
```

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(176, 171, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 171, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.3303, 41.9011, 52.3638 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(176, 171, 186) }
```


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

```
.border{ border-color:rgb(176, 171, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 171, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 171, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 171, 186);  
box-shadow:4px 4px 4px 4px rgb(176, 171,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3303, 41.9011, 52.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 171, 186) }
```

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

```
.background{ background-color: rgb(176,  
171, 186) }
```

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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