

Converting Colors

XYZ(40.9338, 43.6871, 53.8520)

Have a look what the booklet for
XYZ(40.9338, 43.6871, 53.8520)
contains.

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Color

**XYZ(40.9338, 43.6871,
53.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B2BC
RGB	167, 178, 188
RGB Percent	65%, 70%, 74%
CMY	0.3451, 0.3019, 0.2627
CMYK	0.11, 0.05, 0.00, 0.26
HSL	209°, 14%, 70%
HSV	209°, 11%, 74%
XYZ	40.9338, 43.6871, 53.8520
YIQ	175.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

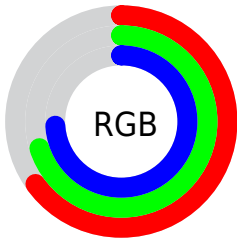
Format	Color
RYB	167, 174, 188
Decimal	10990268
CIELab	72.02, -1.80, -6.41
CIELCh	72, 6.657, 254.279
Yxy	43.6871, 0.2956, 0.3155
Android (android.graphics.Color)	4289180348 (0xFFA7B2BC)
YUV	175.8510, 5.9895, -7.7623
Hunter-Lab	66.0962, -5.1222, -2.0393

Details

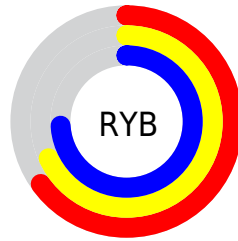
The XYZ color **40.9338, 43.6871, 53.8520** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4364, 44.9253, 42.9420**, and the grayscale version is **41.1637, 43.3074, 47.1617**.

A 20% lighter version of the original color is **75.8762, 80.9069, 97.2054**, and **18.7770, 20.0613, 25.8042** is the 20% darker color. If you saturate the color by 10%, you get **35.5244, 38.3416, 53.1060**, and if you desaturate by 10%, it is **47.0393, 49.5663, 54.6657**.

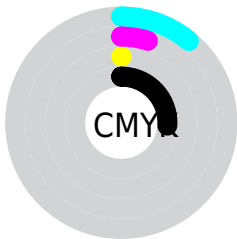
Distribution



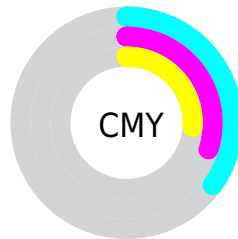
- Red (65%)
- Green (70%)
- Blue (74%)



- Red (65%)
- Yellow (68%)
- Blue (74%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (35%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9338, 43.6871, 53.8520 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 40.9338, 43.6871, 53.8520 by changing the saturation by 10% instead.

■ 40.9338, 43.6871,
53.8520

■ 40.9338, 43.6871,
53.8520

341.1112,
361.4299, 418.7040

■ 28.4548, 30.4246,
38.0910

■ 75.8587, 80.7467,
97.3111

■ 18.8110, 20.1611,
25.7509

■ 99.0354, 105.3126,
125.8463

■ 11.6370, 12.5122,
16.4133

126.5086,
134.4150, 159.4766

■ 6.5674, 7.0935,
9.6596

158.6438,
168.4385, 198.6206

■ 3.2370, 3.5207,
5.0712

195.8063,
207.7673, 243.6968

■ 1.2803, 1.4092,
2.2296

238.3615,

■ 0.1684, 0.2235,

252.7859, 295.1237

0.6914

286.6746,
303.8786, 353.3200

■ 0.0000, 0.0000,
0.0000

■ 40.9338, 43.6871,
53.8520

■ 40.9338, 43.6871,
53.8520

■ 35.5244, 38.3416,
53.1060

■ 47.0393, 49.5663,
54.6657

■ 30.7804, 33.5072,
52.4229

■ 53.8626, 55.9900,
55.5460

■ 26.6741, 29.1674,
51.8017

■ 61.4290, 62.9756,
56.4955

■ 23.1744, 25.3027,
51.2402

■ 69.7616, 70.5379,
57.5160

■ 20.2473, 21.8921,
50.7361

■ 76.6393, 77.5350,
58.5041

■ 17.8551, 18.9123,
50.2870

■ 79.0906, 82.4377,
59.3212

■ 15.9552, 16.3376,
49.8902

■ 81.6703, 87.5970,
60.1811

■ 14.4971, 14.1379,
49.5425

■ 84.3800, 93.0164,
61.0843

■ 13.4919, 12.4603,
49.2717

■ 86.0772, 96.4109,
61.6501

Harmonies

Analogous

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



39.9778, 43.6871, 52.0737



40.9338, 43.6871, 53.8520



42.0648, 43.6871, 53.8963

Triad

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



40.9338, 43.6871, 53.8520



43.6779, 43.6871, 46.0404



40.0158, 43.6871, 43.2250

Complementary

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



40.9338, 43.6871, 53.8520



43.4364, 44.9253, 42.9420

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.



40.9865, 43.6871, 41.7552



40.9338, 43.6871, 53.8520



43.1080, 43.6871, 43.3297

Square

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



40.9338, 43.6871, 53.8520



43.6632, 43.6871, 49.2843



42.1184, 43.6871, 41.7926



39.4545, 43.6871, 45.8916

Rectangle

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



40.9338, 43.6871, 53.8520



42.7666, 43.6871, 52.9305



42.1184, 43.6871, 41.7926



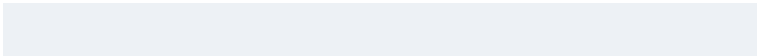
40.3043, 43.6871, 42.5801

Sweetspot

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



40.9351, 43.6889, 53.8530



83.0737, 87.7541, 98.7860



41.8362, 47.3490, 48.4255



17.6665, 18.6816, 21.2173



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.



40.9351, 43.6889, 53.8530



72.0840, 77.1218, 97.3130



38.9614, 39.7417, 53.1951



9.4190, 10.0302, 12.1118



9.2608, 8.6333, 33.5712



0.4279, 0.4684, 1.3367

Inverse Universe

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



42.5946, 41.5440, 47.8954



75.6084, 72.6465, 84.6425



45.5488, 49.1502, 43.6461



9.7333, 9.6176, 10.9847



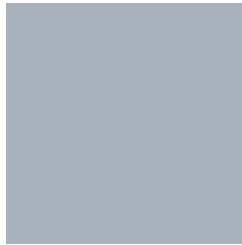
15.6752, 7.9012, 8.8491



0.6469, 0.3226, 0.5197

Previews

White Background



This preview shows how the XYZ color 40.9338, 43.6871, 53.8520 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 40.9338, 43.6871, 53.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

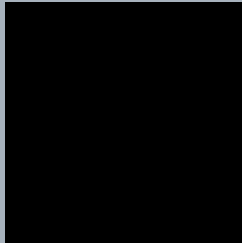
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9338, 43.6871, 53.8520

Background



This preview shows how black text looks on a background with the XYZ color 40.9338, 43.6871, 53.8520.



This preview shows how white text looks on a background with the XYZ color 40.9338, 43.6871,

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

40.9338, 43.6871, 53.8520

Protanopia

42.3244, 43.5522, 52.6301

Deuteranopia

44.4873, 43.4913, 54.1940



Tritanopia

41.3850, 43.5749, 56.0987

Trichromacy



Original Color

40.9338, 43.6871, 53.8520

Protanomaly

41.7286, 43.5228, 53.2151

Deuteranomaly

43.1438, 43.6495, 54.2954

Tritanomaly

41.2746, 43.5307, 55.5171

Monochromacy



Original Color

40.9338, 43.6871, 53.8520

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1939, 43.6238, 49.4291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9338, 43.6871, 53.8520 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(167, 178, 188)` looks like.

```
.text, #text, p{  
    color:rgb(167, 178, 188)  
}
```

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(167, 178, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 178, 188) }
```

Border

The CSS property to change the border of an element to XYZ 40.9338, 43.6871, 53.8520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

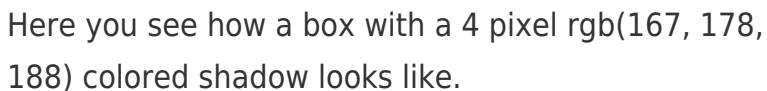
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 178, 188) }
```


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

```
.border{ border-color:rgb(167, 178, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 178, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 178, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 178, 188); box-shadow:4px 4px 4px 4px rgb(167, 178, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9338, 43.6871, 53.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 178, 188) }
```

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

```
.background{ background-color: rgb(167,  
178, 188) }
```

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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