

Converting Colors

XYZ(40.8581, 43.2844, 53.2153)

Have a look what the booklet for
XYZ(40.8581, 43.2844, 53.2153)
contains.

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Color

**XYZ(40.8402, 43.3570,
53.2299)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B1BB
RGB	168, 177, 187
RGB Percent	66%, 69%, 73%
CMY	0.3412, 0.3059, 0.2667
CMYK	0.10, 0.05, 0.00, 0.27
HSL	212°, 12%, 70%
HSV	212°, 10%, 73%
XYZ	40.8402, 43.3570, 53.2299
YIQ	175.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

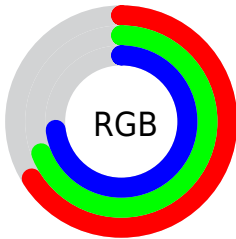
Format	Color
R _Y B	168, 174, 187
Decimal	11055547
CIE Lab	71.80, -1.13, -6.18
CIE LCh	72, 6.283, 259.603
Yxy	43.3570, 0.2972, 0.3155
Android (android.graphics.Color)	4289245627 (0xFFA8B1BB)
YUV	175.4490, 5.6946, -6.5328
Hunter-Lab	65.8460, -4.5181, -1.8378

Details

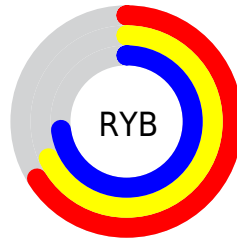
The XYZ color **40.8402, 43.3570, 53.2299** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4819, 45.2323, 43.4854**, and the grayscale version is **40.9558, 43.0887, 46.9236**.

A 20% lighter version of the original color is **75.7480, 80.4369, 96.3275**, and **18.7132, 19.8495, 25.3993** is the 20% darker color. If you saturate the color by 10%, you get **35.2682, 37.7037, 52.4331**, and if you desaturate by 10%, it is **47.1274, 49.5893, 54.1022**.

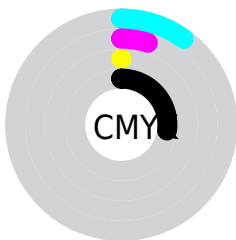
Distribution



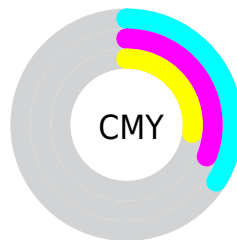
- Red (66%)
- Green (69%)
- Blue (73%)



- Red (66%)
- Yellow (68%)
- Blue (73%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (34%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8402, 43.3570, 53.2299 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 40.8402, 43.3570, 53.2299 by changing the saturation by 10% instead.

■ 40.8402, 43.3570,
53.2299

■ 40.8402, 43.3570,
53.2299

340.7263,
360.0779, 416.2578

■ 28.3814, 30.1653,
37.5973

■ 75.7175, 80.2493,
96.3876

■ 18.7553, 19.9641,
25.3709

■ 98.8667, 104.7187,
124.7497

■ 11.5965, 12.3690,
16.1321

126.3100,
133.7162, 158.1922

■ 6.5398, 6.9955,
9.4623

158.4128,
167.6261, 197.1335

■ 3.2198, 3.4593,
4.9430

195.5405,
206.8328, 241.9922

■ 1.2710, 1.3759,
2.1557

238.0584,

■ 0.1614, 0.1989,

251.7207, 293.1868

0.6486

286.3319,
302.6743, 351.1358

■ 0.0000, 0.0000,
0.0000

■ 40.8402, 43.3570,
53.2299

■ 40.8402, 43.3570,
53.2299

■ 35.2682, 37.7037,
52.4331

■ 47.1274, 49.5893,
54.1022

■ 30.3803, 32.6057,
51.7067

■ 54.1518, 56.4128,
55.0490

■ 26.1488, 28.0452,
51.0494

■ 61.9389, 63.8458,
56.0733

■ 22.5423, 24.0014,
50.4590

■ 70.5121, 71.9044,
57.1769

■ 19.5266, 20.4520,
49.9328

■ 77.4607, 79.3498,
58.2478

■ 17.0643, 17.3724,
49.4682

■ 80.2167, 84.8617,
59.1664

■ 15.1125, 14.7355,
49.0621

■ 83.1288, 90.6859,
60.1371

■ 13.6216, 12.5101,
48.7111

■ 85.9698, 96.3679,
61.0841

■ 12.5096, 10.6677,
48.4141

Harmonies

Analogous

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



39.8935, 43.3570, 51.8285



40.8402, 43.3570, 53.2299



41.9021, 43.3570, 52.9658

Triad

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



40.8402, 43.3570, 53.2299



43.1736, 43.3570, 45.2634



39.6659, 43.3570, 43.5001

Complementary

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



40.8402, 43.3570, 53.2299



43.4819, 45.2323, 43.4854

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.



40.5247, 43.3570, 41.8841



40.8402, 43.3570, 53.2299



42.5542, 43.3570, 42.8714

Square

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



40.8402, 43.3570, 53.2299



43.2617, 43.3570, 48.2773



41.5811, 43.3570, 41.6591



39.2233, 43.3570, 46.1554

Rectangle

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



40.8402, 43.3570, 53.2299



42.5319, 43.3570, 51.8842



41.5811, 43.3570, 41.6591



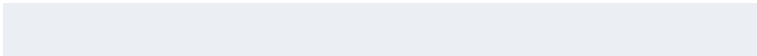
39.9148, 43.3570, 42.8223

Sweetspot

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



40.8415, 43.3588, 53.2309



81.0185, 85.4825, 96.4310



41.9369, 47.0732, 48.8994



17.6370, 18.6226, 21.2075



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.



40.8415, 43.3588, 53.2309



71.0141, 75.5122, 95.0339



39.1889, 39.9534, 52.6607



9.3793, 9.9509, 12.0986



8.6904, 7.4926, 33.3811



0.4059, 0.4245, 1.3294

Inverse Universe

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



42.4329, 41.7452, 47.4183



74.4022, 72.1442, 82.6439



45.2550, 48.8934, 44.0986



9.7133, 9.6096, 10.8792



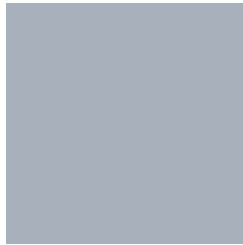
15.3873, 7.7861, 7.3330



0.6358, 0.3182, 0.4614

Previews

White Background



This preview shows how the XYZ color 40.8402, 43.3570, 53.2299 looks on a white background.

Color Contrast Check

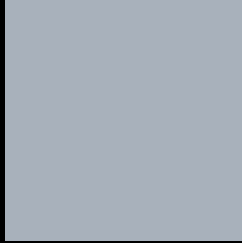
Large Text (above 18pt) WCAG AA × Fail

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 40.8402, 43.3570, 53.2299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

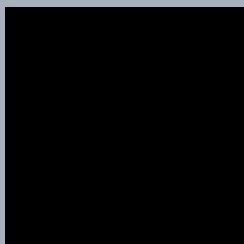
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

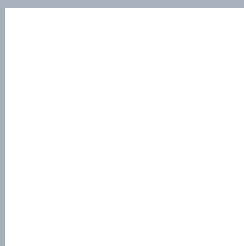
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.8402, 43.3570, 53.2299

Background



This preview shows how black text looks on a background with the XYZ color 40.8402, 43.3570, 53.2299.

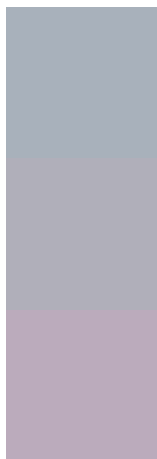


This preview shows how white text looks on a background with the XYZ color 40.8402, 43.3570,

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

40.8402, 43.3570, 53.2299

Protanopia

42.0974, 43.4352, 52.6194

Deuteranopia

44.1335, 43.3215, 53.6127



Tritanopia

41.1818, 43.2034, 54.8838

Trichromacy



Original Color

40.8402, 43.3570, 53.2299

Protanomaly

41.6218, 43.4801, 52.6532

Deuteranomaly

42.8431, 43.2213, 53.6614

Tritanomaly

41.0728, 43.1598, 54.3100

Monochromacy



Original Color

40.8402, 43.3570, 53.2299

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.6753, 43.0760, 48.8185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8402, 43.3570, 53.2299 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(168, 177, 187)` looks like.

```
.text, #text, p{  
    color:rgb(168, 177, 187)  
}
```

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(168, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 177, 187) }
```

Border

The CSS property to change the border of an element to XYZ 40.8402, 43.3570, 53.2299 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(168, 177, 187) }
```


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

```
.border{ border-color:rgb(168, 177, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 177, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(168, 177,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8402, 43.3570, 53.2299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 177, 187) }
```

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

```
.background{ background-color: rgb(168,  
177, 187) }
```

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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