

Converting Colors

XYZ(40.4530, 41.1372, 43.3503)

Have a look what the booklet for
XYZ(40.4530, 41.1372, 43.3503)
contains.

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Color

**XYZ(40.4055, 41.0643,
43.3327)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B5A9A9 |
| RGB | 181, 169, 169 |
| RGB Percent | 71%, 66%, 66% |
| CMY | 0.2902, 0.3372, 0.3373 |
| CMYK | 0.00, 0.07, 0.07, 0.29 |
| HSL | 0°, 8%, 69% |
| HSV | 0°, 7%, 71% |
| XYZ | 40.4055, 41.0643, 43.3327 |
| YIQ | 172.5880, 7.1520, 2.5440 |

Conversions

Conversions Part 2

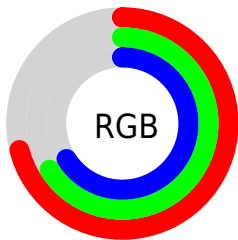
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 181, 169, 169 |
| Decimal | 11905449 |
| CIELab | 70.22, 4.31, 1.54 |
| CIELCh | 70, 4.582, 19.699 |
| Yxy | 41.0643, 0.3238, 0.3290 |
| Android (android.graphics.Color) | 4290095529 (0xFFB5A9A9) |
| YUV | 172.5880, -1.7689, 4.7373 |
| Hunter-Lab | 64.0814, 0.4078, 4.7643 |

Details

The XYZ color **40.4055, 41.0643, 43.3327** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2265, 44.8183, 50.1946**, and the grayscale version is **39.5180, 41.5760, 45.2762**.

A 20% lighter version of the original color is **75.0353, 76.6977, 81.3704**, and **18.4743, 18.5961, 19.4453** is the 20% darker color. If you saturate the color by 10%, you get **35.6862, 34.1591, 33.9485**, and if you desaturate by 10%, it is **45.8283, 48.9990, 54.1129**.

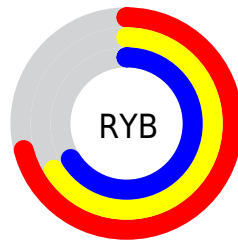
Distribution



Red (71%)

Green (66%)

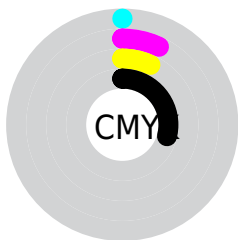
Blue (66%)



Red (71%)

Yellow (66%)

Blue (66%)

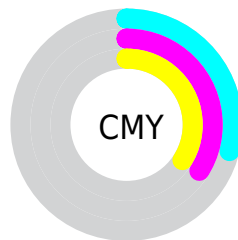


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (29%)



Cyan (29%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4055, 41.0643, 43.3327 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 40.4055, 41.0643, 43.3327 by changing the saturation by 10% instead.

■ 40.4055, 41.0643,
43.3327

■ 40.4055, 41.0643,
43.3327

338.9349,
350.5893, 375.9396

■ 28.0405, 28.3693,
29.8129

■ 75.0610, 76.7815,
81.5044

■ 18.4968, 18.6043,
19.4458

■ 98.0822, 100.5725,
106.9934

■ 11.4091, 11.3847,
11.8128

125.3862,
128.8310, 137.3092

■ 6.4120, 6.3262,
6.4953

157.3383,
161.9413, 172.8704

■ 3.1402, 3.0444,
3.0749

194.3038,
200.2880, 214.0955

■ 1.2283, 1.1550,
1.1330

236.6482,

■ 0.1286, 0.0245,

244.2552, 261.4030

0.0000

284.7368,
294.2275, 315.2115

■ 0.0000, 0.0000,
0.0000

■ 40.4055, 41.0643,
43.3327

■ 40.4055, 41.0643,
43.3327

■ 35.6862, 34.1591,
33.9485

■ 45.8283, 48.9990,
54.1129

■ 31.6383, 28.2360,
25.9008

■ 51.9781, 57.9973,
66.3402

■ 28.2324, 23.2523,
19.1297

■ 58.8815, 68.0983,
80.0663

■ 25.4354, 19.1595,
13.5695

■ 66.5630, 79.3377,
95.3394

■ 23.2116, 15.9053,
9.1488

■ 72.8663, 88.5639,
107.8618

■ 21.5212, 13.4317,
5.7890

■ 20.3196, 11.6732,
3.4010

■ 19.5549, 10.5540,
1.8816

■ 19.1565, 9.9707,
1.0901

Harmonies

Analogous

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



40.4682, 41.0643, 45.4555



40.4055, 41.0643, 43.3327



39.9717, 41.0643, 41.6321

Triad

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



40.4055, 41.0643, 43.3327



37.9396, 41.0643, 42.0906



38.7728, 41.0643, 48.9049

Complementary

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



40.4055, 41.0643, 43.3327



41.2265, 44.8183, 50.1946

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.



38.1040, 41.0643, 47.9402



40.4055, 41.0643, 43.3327



37.6270, 41.0643, 43.9767

Square

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



40.4055, 41.0643, 43.3327



38.5457, 41.0643, 40.9311



37.6868, 41.0643, 46.1203



39.5191, 41.0643, 48.7190

Rectangle

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



40.4055, 41.0643, 43.3327



39.5334, 41.0643, 40.9451



37.6868, 41.0643, 46.1203



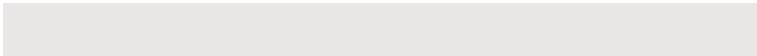
38.5316, 41.0643, 48.7032

Sweetspot

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



40.4067, 41.0661, 43.3336



76.6706, 79.8453, 86.1659



41.5851, 41.5365, 49.5422



16.5939, 17.2906, 18.6686



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



40.4067, 41.0661, 43.3336



71.0161, 71.5716, 74.9237



41.5481, 43.3489, 43.7141



8.4966, 8.5056, 8.8465



13.1373, 6.7732, 0.6149



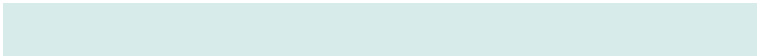
0.4134, 0.2132, 0.0194

Inverse Universe

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



41.2265, 44.8183, 50.1946



72.7994, 79.7334, 89.8477



40.0332, 42.4318, 49.7968



8.7425, 9.6312, 10.9046



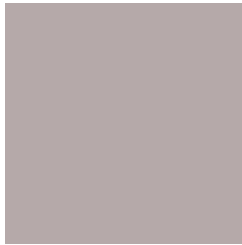
17.1342, 25.0687, 34.0727



0.5392, 0.7889, 1.0721

Previews

White Background



This preview shows how the XYZ color 40.4055, 41.0643, 43.3327 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 40.4055, 41.0643, 43.3327 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

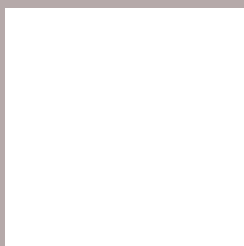
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4055, 41.0643, 43.3327

Background



This preview shows how black text looks on a background with the XYZ color 40.4055, 41.0643, 43.3327.



This preview shows how white text looks on a background with the XYZ color 40.4055, 41.0643,

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

40.4055, 41.0643, 43.3327

Protanopia

39.4978, 41.1421, 43.8897

Deuteranopia

41.8782, 40.9935, 43.7355



Tritanopia

41.5854, 41.0000, 48.9020

Trichromacy



Original Color

40.4055, 41.0643, 43.3327

Protanomaly

39.7619, 40.9988, 43.8481

Deuteranomaly

41.3241, 40.9788, 43.7619

Tritanomaly

41.1305, 41.0849, 46.8367

Monochromacy



Original Color

40.4055, 41.0643, 43.3327

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.1034, 41.7137, 44.9676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4055, 41.0643, 43.3327 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(181, 169, 169)` looks like.

```
.text, #text, p{  
    color:rgb(181, 169, 169)  
}
```

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(181, 169, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 169, 169) }
```

Border

The CSS property to change the border of an element to XYZ 40.4055, 41.0643, 43.3327 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(181, 169, 169) }
```


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

```
.border{ border-color:rgb(181, 169, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 169, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 169, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 169, 169);  
box-shadow:4px 4px 4px 4px rgb(181, 169,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4055, 41.0643, 43.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 169, 169) }
```

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

```
.background{ background-color: rgb(181,  
169, 169) }
```

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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