

Converting Colors

XYZ(40.5853, 41.4821, 52.3888)

Have a look what the booklet for
XYZ(40.5853, 41.4821, 52.3888)
contains.

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Color

**XYZ(40.6594, 41.5552,
52.3324)**

Conversions

Conversions Part 1

Format	Color
Hex	ADABBA
RGB	173, 171, 186
RGB Percent	68%, 67%, 73%
CMY	0.3216, 0.3294, 0.2706
CMYK	0.07, 0.08, 0.00, 0.27
HSL	248°, 10%, 70%
HSV	248°, 8%, 73%
XYZ	40.6594, 41.5552, 52.3324
YIQ	173.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

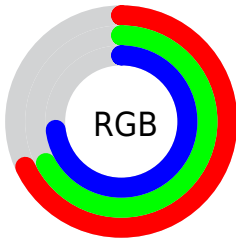
Format	Color
RYB	173, 171, 186
Decimal	11381690
CIELab	70.56, 3.63, -7.42
CIELCh	71, 8.255, 296.049
Yxy	41.5552, 0.3022, 0.3089
Android (android.graphics.Color)	4289571770 (0xFFADABBA)
YUV	173.3080, 6.2572, -0.2701
Hunter-Lab	64.4633, -0.2243, -3.0083

Details

The XYZ color **40.6594, 41.5552, 52.3324** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.6783, 48.2496, 45.4884**, and the grayscale version is **39.8490, 41.9243, 45.6555**.

A 20% lighter version of the original color is **75.2183, 77.2975, 94.9599**, and **18.7156, 18.9521, 24.8620** is the 20% darker color. If you saturate the color by 10%, you get **34.0379, 33.2889, 51.0865**, and if you desaturate by 10%, it is **48.2080, 51.0356, 53.7651**.

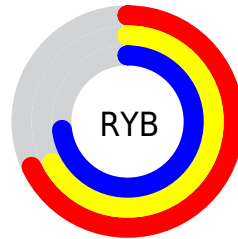
Distribution



Red (68%)

Green (67%)

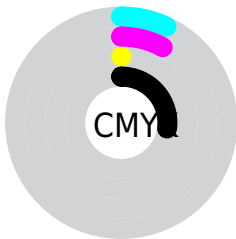
Blue (73%)



Red (68%)

Yellow (67%)

Blue (73%)

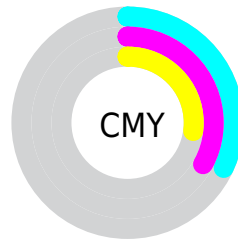


Cyan (7%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (32%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6594, 41.5552, 52.3324 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 40.6594, 41.5552, 52.3324 by changing the saturation by 10% instead.

■ 40.6594, 41.5552,
52.3324

■ 40.6594, 41.5552,
52.3324

339.9820,
352.6357, 412.7119

■ 28.2395, 28.7532,
36.8860

■ 75.4446, 77.5260,
95.0528

■ 18.6477, 18.8942,
24.8242

98.5406, 101.4635,
123.1640

■ 11.5185, 11.5938,
15.7283

125.9260,
129.8817, 156.3338

■ 6.4866, 6.4678,
9.1798

157.9662,
163.1649, 194.9808

■ 3.1866, 3.1315,
4.7602

195.0266,
201.6975, 239.5236

■ 1.2532, 1.2008,
2.0510

237.4724,

■ 0.1478, 0.0623,

245.8639, 290.3807

0.5864

285.6691,
296.0485, 347.9706

■ 0.0000, 0.0000,
0.0000

■ 40.6594, 41.5552,
52.3324

■ 40.6594, 41.5552,
52.3324

■ 34.0379, 33.2889,
51.0865

■ 48.2080, 51.0356,
53.7651

■ 28.3041, 26.1825,
50.0170

■ 56.7139, 61.7710,
55.3889

■ 23.4210, 20.1856,
49.1169

■ 66.2103, 73.8068,
57.2115

■ 19.3477, 15.2417,
48.3773

■ 76.7279, 87.1846,
59.2394

■ 16.0401, 11.2898,
47.7888

■ 85.3557, 96.0636,
60.4985

■ 13.4494, 8.2621,
47.3410

■ 85.8631, 96.3252,
60.5222

■ 11.5212, 6.0826,
47.0219

■ 10.1934, 4.6627,
46.8178

■ 9.3782, 3.8688,
46.7075

Harmonies

Analogous

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



39.3166, 41.5552, 53.1574



40.6594, 41.5552, 52.3324



41.7117, 41.5552, 49.5704

Triad

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



40.6594, 41.5552, 52.3324



40.9792, 41.5552, 39.3001



36.9390, 41.5552, 44.7312

Complementary

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



40.6594, 41.5552, 52.3324



44.6783, 48.2496, 45.4884

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.



37.3621, 41.5552, 41.1818



40.6594, 41.5552, 52.3324



39.6779, 41.5552, 38.1623

Square

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



40.6594, 41.5552, 52.3324



41.8993, 41.5552, 42.0290



38.3569, 41.5552, 38.8310



37.1883, 41.5552, 48.6243

Rectangle

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



40.6594, 41.5552, 52.3324



42.0962, 41.5552, 47.0808



38.3569, 41.5552, 38.8310



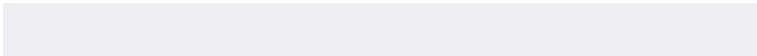
37.0070, 41.5552, 43.4605

Sweetspot

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



40.6606, 41.5570, 52.3333



81.7430, 85.4149, 96.3798



42.8513, 46.5892, 53.1892



18.0327, 18.8495, 21.2304



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.



40.6606, 41.5570, 52.3333



71.0379, 71.9933, 94.3534



42.3079, 42.4062, 52.4104



8.6294, 8.7753, 11.3184



6.2660, 2.5414, 31.4134



0.2570, 0.1082, 1.1091

Inverse Universe

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



43.4658, 43.0275, 51.3638



77.3652, 75.3107, 92.1385



42.9855, 47.3769, 45.4092



9.3281, 9.1416, 11.0751



17.9848, 8.7677, 23.6046



0.6484, 0.3148, 0.9080

Previews

White Background



This preview shows how the XYZ color 40.6594, 41.5552, 52.3324 looks on a white background.

Color Contrast Check

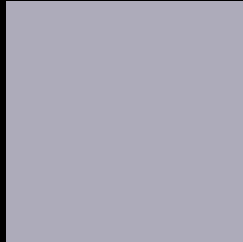
Large Text (above 18pt) WCAG AA × Fail

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 40.6594, 41.5552, 52.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

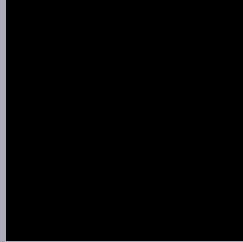
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6594, 41.5552, 52.3324

Background



This preview shows how black text looks on a background with the XYZ color 40.6594, 41.5552, 52.3324.

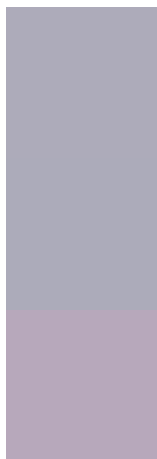


This preview shows how white text looks on a background with the XYZ color 40.6594, 41.5552,

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

40.6594, 41.5552, 52.3324

Protanopia

40.4391, 41.4416, 52.3220

Deuteranopia

42.5007, 41.6604, 52.8149



Tritanopia

40.5534, 41.5128, 51.7743

Trichromacy



Original Color

40.6594, 41.5552, 52.3324

Protanomaly

40.4391, 41.4416, 52.3220

Deuteranomaly

41.7480, 41.5475, 52.8328

Tritanomaly

40.5534, 41.5128, 51.7743

Monochromacy



Original Color

40.6594, 41.5552, 52.3324

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.0220, 41.6036, 48.0404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6594, 41.5552, 52.3324 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(173, 171, 186)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 171, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 171, 186) }
```

Border

The CSS property to change the border of an element to XYZ 40.6594, 41.5552, 52.3324 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(173, 171, 186) }
```


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

```
.border{ border-color:rgb(173, 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(173, 171, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 171, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 171, 186);  
box-shadow:4px 4px 4px 4px rgb(173, 171,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6594, 41.5552, 52.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 171, 186) }
```

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

```
.background{ background-color: rgb(173,  
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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