

Converting Colors

XYZ(39.9065, 42.6055, 40.9664)

Have a look what the booklet for
XYZ(39.9065, 42.6055, 40.9664)
contains.

XYZ(39.8453, 42.5344, 40.7602)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.8453, 42.5344,
40.7602)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AFA3
RGB	176, 175, 163
RGB Percent	69%, 69%, 64%
CMY	0.3098, 0.3137, 0.3608
CMYK	0.00, 0.01, 0.07, 0.31
HSL	55°, 8%, 66%
HSV	55°, 7%, 69%
XYZ	39.8453, 42.5344, 40.7602
YIQ	173.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

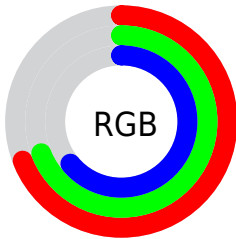
Format	Color
RYB	164, 176, 163
Decimal	11579299
CIELab	71.24, -1.81, 6.27
CIELCh	71, 6.526, 106.142
Yxy	42.5344, 0.3236, 0.3454
Android (android.graphics.Color)	4289769379 (0xFFB0AFA3)
YUV	173.9310, -5.3890, 1.8145
Hunter-Lab	65.2184, -5.0773, 8.5978

Details

The XYZ color **39.8453, 42.5344, 40.7602** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2161, 37.4713, 46.3986**, and the grayscale version is **40.2229, 42.3176, 46.0838**.

A 20% lighter version of the original color is **74.2304, 78.8114, 77.6294**, and **18.1206, 19.5246, 17.8525** is the 20% darker color. If you saturate the color by 10%, you get **38.1161, 41.4261, 32.9377**, and if you desaturate by 10%, it is **41.7990, 43.7395, 49.7414**.

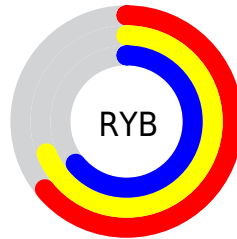
Distribution



Red (69%)

Green (69%)

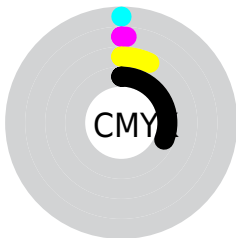
Blue (64%)



Red (64%)

Yellow (69%)

Blue (64%)

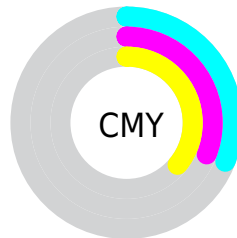


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (31%)



Cyan (31%)


Magenta (31%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8453, 42.5344, 40.7602 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 39.8453, 42.5344, 40.7602 by changing the saturation by 10% instead.


 39.8453, 42.5344,
40.7602


 39.8453, 42.5344,
40.7602


336.6167,
356.6935, 364.9643

 27.6016, 29.5200,
27.8135


 74.2137, 79.0078,
77.5694

 18.1645, 19.4745,
17.9473


 97.0692, 103.2355,
102.2690

 11.1685, 12.0137,
10.7431

124.1926,
131.9698, 131.7233

 6.2484, 6.7530,
5.7824

155.9494,
165.5951, 166.3509

 3.0388, 3.3081,
2.6466

192.7048,
204.4957, 206.5702

 1.1743, 1.2946,
0.9163

234.8243,

 0.0860, 0.1370,

249.0560, 252.7999

0.0000

282.6731,
299.6605, 305.4584

■ 0.0000, 0.0000,
0.0000

■ 39.8453, 42.5344,
40.7602

■ 39.8453, 42.5344,
40.7602

■ 38.1161, 41.4261,
32.9377

■ 41.7990, 43.7395,
49.7414

■ 36.5988, 40.4054,
26.2236

■ 43.9822, 45.0391,
59.9233

■ 35.2850, 39.4702,
20.5681

■ 46.4040, 46.4385,
71.3491

■ 34.1643, 38.6165,
15.9166

■ 49.0722, 47.9406,
84.0590

■ 33.2254, 37.8396,
12.2094

■ 51.9941, 49.5485,
98.0916

■ 32.4557, 37.1345,
9.3806

■ 52.9083, 50.3575,
101.5391

■ 31.8410, 36.4956,
7.3559

■ 53.1881, 50.9170,
101.6324

■ 31.3651, 35.9162,
6.0487

■ 53.4705, 51.4819,
101.7265

■ 31.0030, 35.3865,
5.3284

■ 53.7556, 52.0522,
101.8216

Harmonies

Analogous

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



40.9339, 42.5344, 40.7031



39.8453, 42.5344, 40.7602



38.9289, 42.5344, 42.2603

Triad

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



39.8453, 42.5344, 40.7602



38.9867, 42.5344, 50.7968



42.5059, 42.5344, 47.7716

Complementary

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



39.8453, 42.5344, 40.7602



36.2161, 37.4713, 46.3986

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.



41.9645, 42.5344, 50.6163



39.8453, 42.5344, 40.7602



39.9256, 42.5344, 52.4154

Square

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



39.8453, 42.5344, 40.7602



38.4393, 42.5344, 48.0090



41.0157, 42.5344, 52.3479



42.4834, 42.5344, 44.6569

Rectangle

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



39.8453, 42.5344, 40.7602



38.5331, 42.5344, 43.9170



41.0157, 42.5344, 52.3479



42.3834, 42.5344, 48.7940

Sweetspot

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



39.8465, 42.5363, 40.7611



74.1116, 78.2924, 82.3757



37.7106, 38.1084, 40.5301



16.0697, 16.9725, 17.8914



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



39.8465, 42.5363, 40.7611



71.6829, 76.7773, 71.2624



38.8406, 42.3067, 40.7698



9.1402, 9.7930, 9.0610



22.7022, 25.9029, 3.8032



0.7307, 0.8478, 0.1251

Inverse Universe

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



36.2161, 37.4713, 46.3986



63.6159, 65.5227, 83.7895



37.1715, 37.7002, 46.3924



8.0926, 8.3313, 10.6879



5.8779, 2.5563, 30.3206



0.2021, 0.1148, 0.9597

Previews

White Background



This preview shows how the XYZ color 39.8453, 42.5344, 40.7602 looks on a white background.

Color Contrast Check

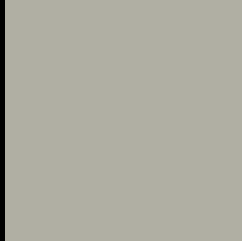
Large Text (above 18pt) WCAG AA × Fail

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 39.8453, 42.5344, 40.7602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

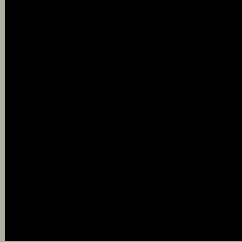
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8453, 42.5344, 40.7602

Background



This preview shows how black text looks on a background with the XYZ color 39.8453, 42.5344, 40.7602.



This preview shows how white text looks on a background with the XYZ color 39.8453, 42.5344,

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

39.8453, 42.5344, 40.7602

Protanopia

40.4800, 42.5840, 40.2684

Deuteranopia

43.2091, 42.2877, 41.0069



Tritanopia

42.0999, 42.5915, 51.9010

Trichromacy



Original Color

39.8453, 42.5344, 40.7602

Protanomaly

40.2480, 42.4644, 40.2576

Deuteranomaly

42.0028, 42.4975, 41.1110

Tritanomaly

41.2395, 42.5264, 47.6298

Monochromacy



Original Color

39.8453, 42.5344, 40.7602

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.0709, 42.2883, 44.0807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8453, 42.5344, 40.7602 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, 175, 163)` looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 163)  
}
```

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, 175, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 163) }
```

Border

The CSS property to change the border of an element to XYZ 39.8453, 42.5344, 40.7602 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, 175, 163) }
```


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

```
.border{ border-color:rgb(176, 175, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 175, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 163);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8453, 42.5344, 40.7602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 175, 163) }
```

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

```
.background{ background-color: rgb(176,  
175, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor