

Converting Colors

XYZ(39.7561, 42.4987, 40.2901)

Have a look what the booklet for
XYZ(39.7561, 42.4987, 40.2901)
contains.

XYZ(39.7561, 42.4987, 40.2901)	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(39.7561, 42.4987,
40.2901)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AFA2
RGB	176, 175, 162
RGB Percent	69%, 69%, 64%
CMY	0.3098, 0.3137, 0.3647
CMYK	0.00, 0.01, 0.08, 0.31
HSL	56°, 8%, 66%
HSV	56°, 8%, 69%
XYZ	39.7561, 42.4987, 40.2901
YIQ	173.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

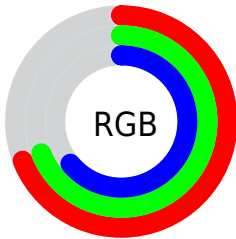
Format	Color
RYB	163, 176, 162
Decimal	11579298
CIELab	71.21, -1.99, 6.78
CIELCh	71, 7.068, 106.340
Yxy	42.4987, 0.3244, 0.3468
Android (android.graphics.Color)	4289769378 (0xFFB0AFA2)
YUV	173.8170, -5.8258, 1.9145
Hunter-Lab	65.1910, -5.2278, 8.9906

Details

The XYZ color **39.7561, 42.4987, 40.2901** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8340, 37.0098, 46.3298**, and the grayscale version is **40.1664, 42.2582, 46.0192**.

A 20% lighter version of the original color is **74.0999, 78.7592, 76.9422**, and **18.0658, 19.5027, 17.5641** is the 20% darker color. If you saturate the color by 10%, you get **38.0576, 41.4322, 32.5380**, and if you desaturate by 10%, it is **41.6783, 43.6610, 49.1982**.

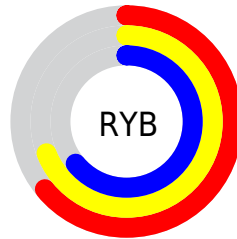
Distribution



Red (69%)

Green (69%)

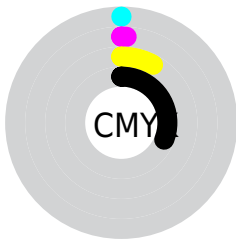
Blue (64%)



Red (64%)

Yellow (69%)

Blue (64%)

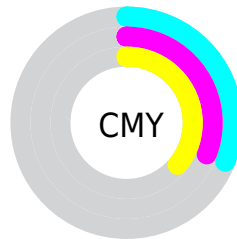


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7561, 42.4987, 40.2901 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 39.7561, 42.4987, 40.2901 by changing the saturation by 10% instead.

■ 39.7561, 42.4987,
40.2901

■ 39.7561, 42.4987,
40.2901

336.2466,
356.5461, 362.9332

■ 27.5318, 29.4920,
27.4493

■ 74.0787, 78.9538,
76.8470

■ 18.1117, 19.4533,
17.6755

■ 96.9076, 103.1710,
101.4001

■ 11.1304, 11.9983,
10.5503

124.0022,
131.8939, 130.6945

■ 6.2225, 6.7425,
5.6550

155.7278,
165.5067, 165.1486

■ 3.0228, 3.3016,
2.5711

192.4496,
204.3940, 205.1810

■ 1.1658, 1.2911,
0.8775

234.5331,

■ 0.0791, 0.1343,

248.9400, 251.2102

0.0000

282.3437,
299.5293, 303.6547

■ 0.0000, 0.0000,
0.0000

■ 39.7561, 42.4987,
40.2901

■ 39.7561, 42.4987,
40.2901

■ 38.0576, 41.4322,
32.5380

■ 41.6783, 43.6610,
49.1982

■ 36.5701, 40.4524,
25.8914

■ 43.8291, 44.9171,
59.3043

■ 35.2851, 39.5572,
20.3004

■ 46.2178, 46.2719,
70.6518

■ 34.1923, 38.7424,
15.7099

■ 48.8520, 47.7286,
83.2812

■ 33.2802, 38.0035,
12.0601

■ 51.7392, 49.2901,
97.2310

■ 32.5363, 37.3354,
9.2846

■ 52.7900, 50.1207,
101.4997

■ 31.9462, 36.7325,
7.3085

■ 53.0487, 50.6382,
101.5859

■ 31.4934, 36.1880,
6.0444

■ 53.3098, 51.1604,
101.6729

■ 31.1510, 35.6912,
5.3506

■ 53.5732, 51.6871,
101.7607

Harmonies

Analogous

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



40.9342, 42.4987, 40.2181



39.7561, 42.4987, 40.2901



38.7677, 42.4987, 41.9134

Triad

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



39.7561, 42.4987, 40.2901



38.8410, 42.4987, 51.1571



42.6485, 42.4987, 47.8321

Complementary

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



39.7561, 42.4987, 40.2901



35.8340, 37.0098, 46.3298

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.



42.0647, 42.4987, 50.9268



39.7561, 42.4987, 40.2901



39.8580, 42.4987, 52.9089

Square

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



39.7561, 42.4987, 40.2901



38.2465, 42.4987, 48.1341



41.0382, 42.4987, 52.8226



42.6199, 42.4987, 44.4622

Rectangle

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



39.7561, 42.4987, 40.2901



38.3425, 42.4987, 43.7042



41.0382, 42.4987, 52.8226



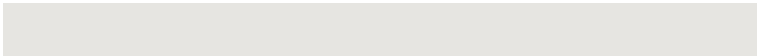
42.5169, 42.4987, 48.9424

Sweetspot

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



39.7573, 42.5006, 40.2910



74.1185, 78.3062, 82.3780



37.4512, 37.7217, 40.0364



16.0711, 16.9753, 17.8919



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.



39.7573, 42.5006, 40.2910



71.3870, 76.6365, 69.7733



38.6611, 42.2246, 40.2955



9.1443, 9.8010, 9.0624



22.8257, 26.1501, 3.8444



0.7335, 0.8534, 0.1261

Inverse Universe

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



35.8340, 37.0098, 46.3298



62.4201, 64.0873, 83.5755



36.8704, 37.2824, 46.3278



8.0890, 8.3241, 10.6867



5.8682, 2.5368, 30.3174



0.2006, 0.1118, 0.9592

Previews

White Background



This preview shows how the XYZ color 39.7561, 42.4987, 40.2901 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 39.7561, 42.4987, 40.2901 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

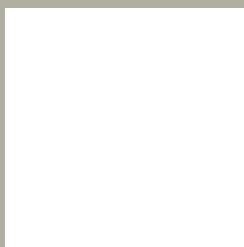
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7561, 42.4987, 40.2901

Background



This preview shows how black text looks on a background with the XYZ color 39.7561, 42.4987, 40.2901.



This preview shows how white text looks on a background with the XYZ color 39.7561, 42.4987,

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

39.7561, 42.4987, 40.2901

Protanopia

40.3915, 42.5486, 39.8021

Deuteranopia

43.1192, 42.2517, 40.5331



Tritanopia

42.0999, 42.5915, 51.9010

Trichromacy



Original Color

39.7561, 42.4987, 40.2901

Protanomaly

40.1595, 42.4290, 39.7912

Deuteranomaly

41.9128, 42.4615, 40.6372

Tritanomaly

41.2395, 42.5264, 47.6298

Monochromacy



Original Color

39.7561, 42.4987, 40.2901

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 39.7561, 42.4987, 40.2901 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 162) }
```

Border

The CSS property to change the border of an element to XYZ 39.7561, 42.4987, 40.2901 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, 162) }
```


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

```
.border{ border-color:rgb(176, 175, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 162);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7561, 42.4987, 40.2901 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, 162) }
```

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

```
.background{ background-color: rgb(176,  
175, 162) }
```

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