

Converting Colors

XYZ(41.8305, 40.3613, 39.3144)

Have a look what the booklet for
XYZ(41.8305, 40.3613, 39.3144)
contains.

XYZ(41.7783, 40.2369, 39.2828)	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(41.7783, 40.2369,
39.2828)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A3A1
RGB	194, 163, 161
RGB Percent	76%, 64%, 63%
CMY	0.2392, 0.3608, 0.3686
CMYK	0.00, 0.16, 0.17, 0.24
HSL	4°, 21%, 70%
HSV	4°, 17%, 76%
XYZ	41.7783, 40.2369, 39.2828
YIQ	172.0410, 19.1180, 5.9500

Conversions

Conversions Part 2

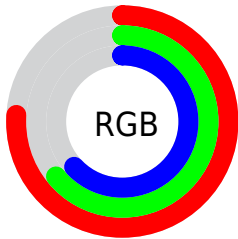
Format	Color
RYB	194, 163, 161
Decimal	12755873
CIELab	69.64, 11.04, 5.27
CIElCh	70, 12.233, 25.536
Yxy	40.2369, 0.3444, 0.3317
Android (android.graphics.Color)	4290945953 (0xFFC2A3A1)
YUV	172.0410, -5.4432, 19.2580
Hunter-Lab	63.4326, 6.5577, 7.6854

Details

The XYZ color **41.7783, 40.2369, 39.2828** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2848, 49.1702, 58.2486**, and the grayscale version is **39.2542, 41.2985, 44.9740**.

A 20% lighter version of the original color is **77.2497, 75.6099, 75.4884**, and **19.3141, 18.0701, 17.2218** is the 20% darker color. If you saturate the color by 10%, you get **37.1930, 33.5948, 29.9587**, and if you desaturate by 10%, it is **47.0975, 47.9212, 50.1621**.

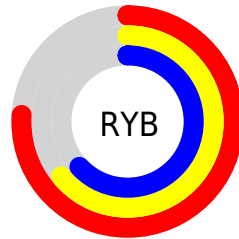
Distribution



Red (76%)

Green (64%)

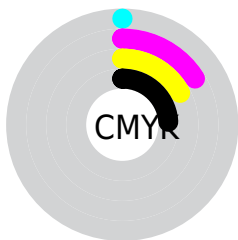
Blue (63%)



Red (76%)

Yellow (64%)

Blue (63%)

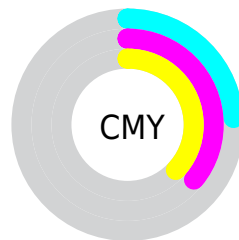


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7783, 40.2369, 39.2828 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 41.7783, 40.2369, 39.2828 by changing the saturation by 10% instead.


 41.7783, 40.2369,
39.2828


 41.7783, 40.2369,
39.2828


344.5704,
347.1211, 358.5531

 29.1181, 27.7233,
26.6703


 77.1313, 75.5241,
75.2952

 19.3149, 18.1172,
17.0955


 100.5547, 99.0665,
99.5322

 12.0034, 11.0342,
10.1399


128.2966,
127.0540, 128.4811

 6.8182, 6.0898,
5.3850

160.7223,
159.8709, 162.5605

 3.3940, 2.8998,
2.4122

198.1972,
197.9017, 202.1888

 1.3654, 1.0796,
0.7931

241.0866,

 0.2314, 0.0000,

241.5307, 247.7847

0.0000

289.7559,
291.1424, 299.7666

■ 0.0000, 0.0000,
0.0000

■ 41.7783, 40.2369,
39.2828

■ 41.7783, 40.2369,
39.2828

■ 37.1930, 33.5948,
29.9587

■ 47.0975, 47.9212,
50.1621

■ 33.3063, 27.9449,
22.1163

■ 53.1773, 56.6841,
62.6603

■ 30.0847, 23.2413,
15.6801

■ 60.0472, 66.5670,
76.8408

■ 27.4911, 19.4320,
10.5669

■ 67.7342, 77.6075,
92.7628

■ 25.4842, 16.4606,
6.6847

■ 75.7768, 89.6465,
107.9174

■ 24.0182, 14.2636,
3.9298

■ 76.0582, 90.2094,
108.0112

■ 23.0402, 12.7691,
2.1814

■ 22.4840, 11.8901,
1.2766

■ 22.3770, 11.7270,
1.0841

Harmonies

Analogous

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



42.1612, 40.2369, 44.6642



41.7783, 40.2369, 39.2828



40.4362, 40.2369, 35.4326

Triad

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



41.7783, 40.2369, 39.2828



35.1941, 40.2369, 37.9335



37.9488, 40.2369, 55.5885

Complementary

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



41.7783, 40.2369, 39.2828



43.2848, 49.1702, 58.2486

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.



36.1325, 40.2369, 53.4161



41.7783, 40.2369, 39.2828



34.5772, 40.2369, 42.9690

Square

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



41.7783, 40.2369, 39.2828



36.6283, 40.2369, 34.7020



34.9148, 40.2369, 48.6748



39.9065, 40.2369, 54.3893

Rectangle

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



41.7783, 40.2369, 39.2828



39.2015, 40.2369, 34.0905



34.9148, 40.2369, 48.6748



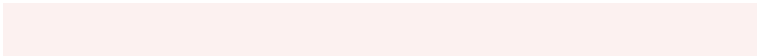
37.3021, 40.2369, 55.2235

Sweetspot

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



41.7794, 40.2387, 39.2836



87.3458, 89.7310, 95.0200



44.5466, 40.7809, 55.5966



18.9625, 19.4116, 20.4690



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.7794, 40.2387, 39.2836



72.8014, 68.7167, 65.2789



44.8317, 46.3433, 40.3011



10.1212, 10.1738, 10.4922



14.7334, 7.7525, 0.7198



0.6539, 0.3695, 0.0369

Inverse Universe

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



43.2848, 49.1702, 58.2486



75.9831, 87.5972, 105.3730



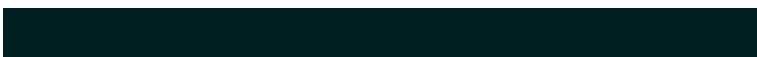
39.9320, 42.4645, 57.1310



10.3145, 11.3203, 12.9262



17.4522, 24.6608, 37.3968



0.7702, 1.0978, 1.6212

Previews

White Background



This preview shows how the XYZ color 41.7783, 40.2369, 39.2828 looks on a white background.

Color Contrast Check

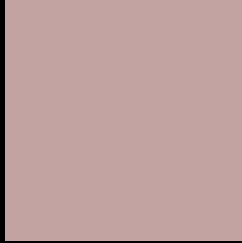
Large Text (above 18pt) WCAG AA × Fail

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 41.7783, 40.2369, 39.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

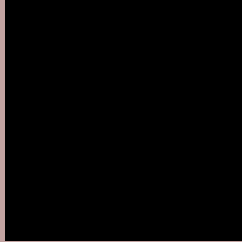
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7783, 40.2369, 39.2828

Background



This preview shows how black text looks on a background with the XYZ color 41.7783, 40.2369, 39.2828.



This preview shows how white text looks on a background with the XYZ color 41.7783, 40.2369,

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

41.7783, 40.2369, 39.2828

Protanopia

38.8455, 40.5800, 41.3827

Deuteranopia

40.9437, 40.0713, 39.2948



Tritanopia

43.1498, 40.2815, 45.5453

Trichromacy



Original Color

41.7783, 40.2369, 39.2828

Protanomaly

39.8110, 40.2629, 40.7952

Deuteranomaly

41.1943, 40.2005, 39.3065

Tritanomaly

42.5874, 40.3073, 43.0716

Monochromacy



Original Color

41.7783, 40.2369, 39.2828

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.0782, 40.9064, 42.8292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7783, 40.2369, 39.2828 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(194, 163, 161)` looks like.

```
.text, #text, p{  
    color:rgb(194, 163, 161)  
}
```

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(194, 163, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 163, 161) }
```

Border

The CSS property to change the border of an element to XYZ 41.7783, 40.2369, 39.2828 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(194, 163, 161) }
```


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

```
.border{ border-color:rgb(194, 163, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 163, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 163, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 163, 161);  
box-shadow:4px 4px 4px 4px rgb(194, 163,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7783, 40.2369, 39.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 163, 161) }
```

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

```
.background{ background-color: rgb(194,  
163, 161) }
```

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