

Converting Colors

XYZ(40.8322, 42.7116, 41.3962)

Have a look what the booklet for
XYZ(40.8322, 42.7116, 41.3962)
contains.

XYZ(40.8929, 42.7762, 41.2233)	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(40.8929, 42.7762,
41.2233)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AEA4
RGB	181, 174, 164
RGB Percent	71%, 68%, 64%
CMY	0.2902, 0.3176, 0.3569
CMYK	0.00, 0.04, 0.09, 0.29
HSL	35°, 10%, 68%
HSV	35°, 9%, 71%
XYZ	40.8929, 42.7762, 41.2233
YIQ	174.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

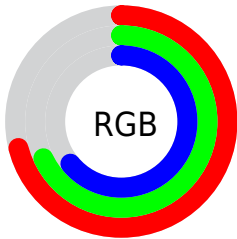
Format	Color
RYB	176, 181, 164
Decimal	11906724
CIELab	71.40, 0.73, 6.01
CIELCh	71, 6.053, 83.114
Yxy	42.7762, 0.3274, 0.3425
Android (android.graphics.Color)	4290096804 (0xFFB5AEA4)
YUV	174.9530, -5.3998, 5.3032
Hunter-Lab	65.4035, -2.8508, 8.4125

Details

The XYZ color **40.8929, 42.7762, 41.2233** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.2131, 40.3537, 49.4914**, and the grayscale version is **40.7486, 42.8707, 46.6862**.

A 20% lighter version of the original color is **75.7305, 79.1576, 78.3054**, and **18.7863, 19.6781, 18.1373** is the 20% darker color. If you saturate the color by 10%, you get **37.9742, 39.3709, 32.7518**, and if you desaturate by 10%, it is **44.1264, 46.4379, 50.9486**.

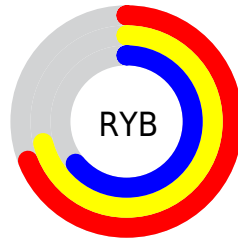
Distribution



Red (71%)

Green (68%)

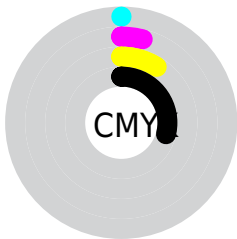
Blue (64%)



Red (69%)

Yellow (71%)

Blue (64%)

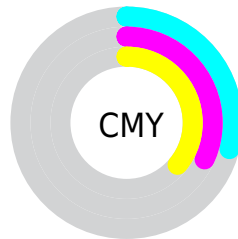


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8929, 42.7762, 41.2233 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 40.8929, 42.7762, 41.2233 by changing the saturation by 10% instead.

■ 40.8929, 42.7762,
41.2233

■ 40.8929, 42.7762,
41.2233

340.9430,
357.6906, 366.9573

■ 28.4227, 29.7096,
28.1726

■ 75.7970, 79.3730,
78.2801

■ 18.7866, 19.6182,
18.2156

■ 98.9617, 103.6720,
103.1233

■ 11.6193, 12.1178,
10.9339

126.4218,
132.4839, 132.7344

■ 6.5554, 6.8240,
5.9088

158.5429,
166.1931, 167.5319

■ 3.2295, 3.3523,
2.7218

195.6902,
205.1839, 207.9344

■ 1.2762, 1.3183,
0.9544

238.2291,

■ 0.1653, 0.1553,

249.8409, 254.3605

0.0000

286.5249,
300.5483, 307.2286

■ 0.0000, 0.0000,
0.0000

■ 40.8929, 42.7762,
41.2233

■ 40.8929, 42.7762,
41.2233

■ 37.9742, 39.3709,
32.7518

■ 44.1264, 46.4379,
50.9486

■ 35.3559, 36.2100,
25.4793

■ 47.6817, 50.3567,
61.9738

■ 33.0271, 33.2886,
19.3513

■ 51.5699, 54.5403,
74.3460

■ 30.9754, 30.5993,
14.3077

■ 55.8004, 58.9944,
88.1091

■ 29.1870, 28.1345,
10.2830

■ 60.3824, 63.7245,
103.3052

■ 27.6466, 25.8859,
7.2044

■ 62.3592, 67.5498,
104.3595

■ 26.3374, 23.8443,
4.9894

■ 64.3427, 71.5169,
105.0207

■ 25.2394, 21.9994,
3.5412

■ 66.4143, 75.6601,
105.7112

■ 24.3161, 20.3340,
2.6749

■ 68.5750, 79.9815,
106.4314

Harmonies

Analogous

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



41.8451, 42.7762, 42.2297



40.8929, 42.7762, 41.2233



39.8930, 42.7762, 41.6025

Triad

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



40.8929, 42.7762, 41.2233



38.8816, 42.7762, 48.8142



42.2452, 42.7762, 50.0266

Complementary

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



40.8929, 42.7762, 41.2233



38.2131, 40.3537, 49.4914

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.



41.4317, 42.7762, 51.9309



40.8929, 42.7762, 41.2233



39.4925, 42.7762, 51.2108

Square

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



40.8929, 42.7762, 41.2233



38.7428, 42.7762, 45.9064



40.4230, 42.7762, 52.3731



42.6343, 42.7762, 47.2521

Rectangle

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



40.8929, 42.7762, 41.2233



39.3328, 42.7762, 42.5979



40.4230, 42.7762, 52.3731



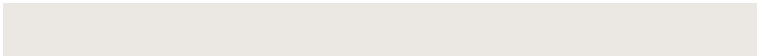
42.0116, 42.7762, 50.7944

Sweetspot

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



40.8941, 42.7781, 41.2242



76.8451, 80.7177, 84.6103



39.6906, 39.3187, 44.0676



16.5080, 17.3320, 17.9827



86.6293, 91.1408, 99.2523



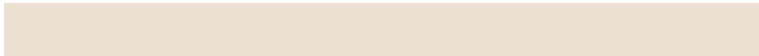
17.0014, 17.8868, 19.4787

Same Dimension

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



40.8941, 42.7781, 41.2242



72.2623, 75.4878, 70.9499



41.9506, 45.3818, 41.6711



8.8980, 9.3085, 8.9803



16.7958, 14.0902, 1.8345



0.5842, 0.5549, 0.0763

Inverse Universe

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



38.2131, 40.3537, 49.4914



66.6137, 70.3799, 88.3684



37.2204, 37.9318, 49.0762



8.3196, 8.7855, 10.7636



7.5254, 5.8512, 30.8698



0.2949, 0.3003, 0.9907

Previews

White Background



This preview shows how the XYZ color 40.8929, 42.7762, 41.2233 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 40.8929, 42.7762, 41.2233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

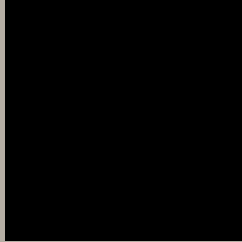
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8929, 42.7762, 41.2233

Background



This preview shows how black text looks on a background with the XYZ color 40.8929, 42.7762, 41.2233.

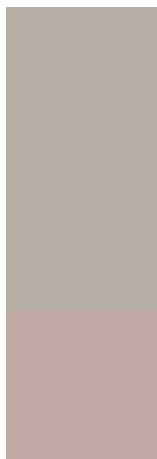


This preview shows how white text looks on a background with the XYZ color 40.8929, 42.7762,

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

40.8929, 42.7762, 41.2233

Protanopia

40.6593, 42.6557, 41.2124

Deuteranopia

43.4852, 42.6946, 41.5463



Tritanopia

42.9818, 42.7769, 51.3388

Trichromacy



Original Color

40.8929, 42.7762, 41.2233

Protanomaly

40.6593, 42.6557, 41.2124

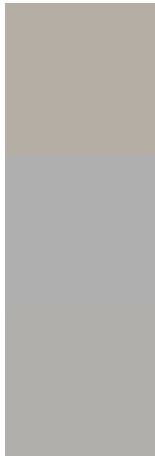
Deuteranomaly

42.5896, 42.7896, 41.6118

Tritanomaly

42.2168, 42.7467, 47.6208

Monochromacy



Original Color

40.8929, 42.7762, 41.2233

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.8121, 42.9473, 44.6667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8929, 42.7762, 41.2233 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, 174, 164)` looks like.

```
.text, #text, p{  
    color:rgb(181, 174, 164)  
}
```

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, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 174, 164) }
```

Border

The CSS property to change the border of an element to XYZ 40.8929, 42.7762, 41.2233 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, 174, 164) }
```


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

```
.border{ border-color:rgb(181, 174, 164) }
```

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

Here you see how a box with a 4 pixel rgb(181, 174, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(181, 174,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8929, 42.7762, 41.2233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 174, 164) }
```

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

```
.background{ background-color: rgb(181,  
174, 164) }
```

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