

Converting Colors

XYZ(40.8067, 42.0380, 42.2728)

Have a look what the booklet for
XYZ(40.8067, 42.0380, 42.2728)
contains.

XYZ(40.9269, 42.2033, 42.0654)	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(40.9269, 42.2033,
42.0654)**

Conversions

Conversions Part 1

Format	Color
Hex	B6ACA6
RGB	182, 172, 166
RGB Percent	71%, 67%, 65%
CMY	0.2863, 0.3255, 0.3490
CMYK	0.00, 0.05, 0.09, 0.29
HSL	23°, 10%, 68%
HSV	23°, 9%, 71%
XYZ	40.9269, 42.2033, 42.0654
YIQ	174.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

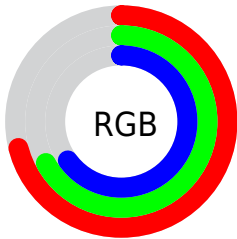
Format	Color
RYB	182, 176, 166
Decimal	11971750
CIELab	71.01, 2.52, 4.35
CIELCh	71, 5.031, 59.947
Yxy	42.2033, 0.3269, 0.3371
Android (android.graphics.Color)	4290161830 (0xFFB6ACA6)
YUV	174.3060, -4.0949, 6.7476
Hunter-Lab	64.9641, -1.2334, 7.0835

Details

The XYZ color **40.9269, 42.2033, 42.0654** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.6947, 42.5345, 50.3744**, and the grayscale version is **40.4080, 42.5123, 46.2959**.

A 20% lighter version of the original color is **75.7801, 78.3358, 79.5329**, and **18.8070, 19.3150, 18.6565** is the 20% darker color. If you saturate the color by 10%, you get **37.3020, 37.4387, 33.1949**, and if you desaturate by 10%, it is **44.9756, 47.4366, 52.2439**.

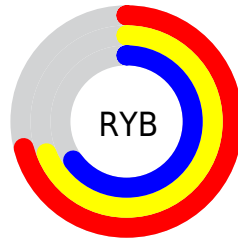
Distribution



Red (71%)

Green (67%)

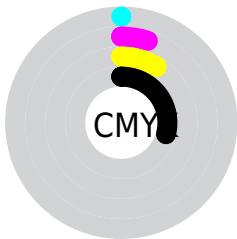
Blue (65%)



Red (71%)

Yellow (69%)

Blue (65%)

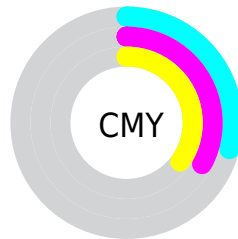


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (29%)



Cyan (29%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9269, 42.2033, 42.0654 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 40.9269, 42.2033, 42.0654 by changing the saturation by 10% instead.


 40.9269, 42.2033,
42.0654


 40.9269, 42.2033,
42.0654


341.0828,
355.3250, 370.5616

 28.4494, 29.2605,
28.8266


 75.8483, 78.5072,
79.5698

 18.8069, 19.2780,
18.7052


 99.0229, 102.6371,
104.6723

 11.6340, 11.8713,
11.2828


126.4940,
131.2649, 134.5666

 6.5654, 6.6561,
6.1408

158.6268,
164.7749, 169.6710

 3.2357, 3.2480,
2.8607

195.7867,
203.5515, 210.4042

 1.2796, 1.2625,
1.0240

238.3391,

 0.1679, 0.1119,

247.9791, 257.1847

0.0000

286.6494,
298.4422, 310.4310

■ 0.0000, 0.0000,
0.0000

■ 40.9269, 42.2033,
42.0654

■ 40.9269, 42.2033,
42.0654

■ 37.3020, 37.4387,
33.1949

■ 44.9756, 47.4366,
52.2439

■ 34.0830, 33.1239,
25.5762

■ 49.4585, 53.1456,
63.7781

■ 31.2557, 29.2471,
19.1529

■ 54.3897, 59.3443,
76.7166

■ 28.8037, 25.7937,
13.8632

■ 59.7818, 66.0444,
91.1049

■ 26.7092, 22.7482,
9.6399

■ 65.3228, 73.1274,
105.2799

■ 24.9529, 20.0941,
6.4083

■ 68.5705, 79.6229,
106.3624

■ 23.5135, 17.8135,
4.0840

■ 72.0281, 86.5381,
107.5150

■ 22.3664, 15.8868,
2.5683

■ 73.1017, 88.6852,
107.8728

■ 21.4727, 14.2880,
1.6893

Harmonies

Analogous

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



41.5281, 42.2033, 43.6826



40.9269, 42.2033, 42.0654



40.1145, 42.2033, 41.4821

Triad

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



40.9269, 42.2033, 42.0654



38.5202, 42.2033, 45.9479



40.9243, 42.2033, 50.0759

Complementary

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



40.9269, 42.2033, 42.0654



39.6947, 42.5345, 50.3744

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.



40.1115, 42.2033, 50.7325



40.9269, 42.2033, 42.0654



38.7303, 42.2033, 48.2991

Square

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



40.9269, 42.2033, 42.0654



38.7318, 42.2033, 43.6754



39.3099, 42.2033, 50.0714



41.5266, 42.2033, 48.3068

Rectangle

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



40.9269, 42.2033, 42.0654



39.5648, 42.2033, 41.7417



39.3099, 42.2033, 50.0714



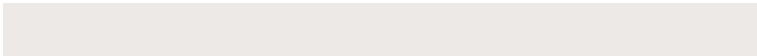
40.6662, 42.2033, 50.4368

Sweetspot

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



40.9281, 42.2052, 42.0663



78.3185, 81.8564, 86.5611



40.7779, 40.3581, 46.7848



17.1670, 17.9102, 18.7888



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.9281, 42.2052, 42.0663



72.5581, 74.3710, 72.2006



42.4693, 45.2876, 42.5800



9.2733, 9.5496, 9.4614



15.1547, 10.0858, 1.1480



0.5945, 0.4762, 0.0606

Inverse Universe

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



39.6947, 42.5345, 50.3744



69.7585, 75.1181, 91.0583



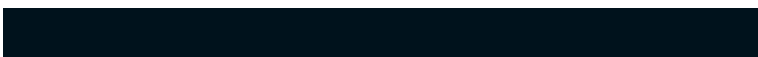
38.1973, 39.5396, 49.8752



8.9759, 9.6290, 11.4649



10.2548, 10.9693, 32.8299



0.4189, 0.5015, 1.1765

Previews

White Background



This preview shows how the XYZ color 40.9269, 42.2033, 42.0654 looks on a white background.

Color Contrast Check

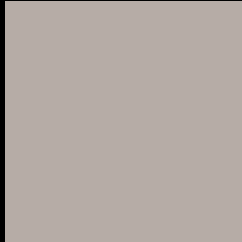
Large Text (above 18pt) WCAG AA × Fail

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 40.9269, 42.2033, 42.0654 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

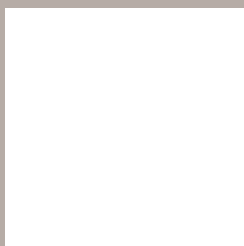
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9269, 42.2033, 42.0654

Background



This preview shows how black text looks on a background with the XYZ color 40.9269, 42.2033, 42.0654.

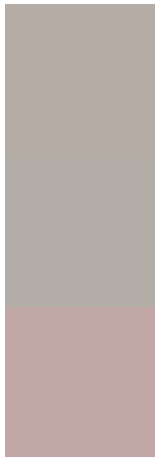


This preview shows how white text looks on a background with the XYZ color 40.9269, 42.2033,

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

40.9269, 42.2033, 42.0654

Protanopia

40.5090, 42.2609, 42.5813

Deuteranopia

42.9700, 42.1327, 42.4269



Tritanopia

42.5024, 41.9852, 50.6636

Trichromacy



Original Color

40.9269, 42.2033, 42.0654

Protanomaly

40.7410, 42.3805, 42.5922

Deuteranomaly

42.1493, 41.9848, 42.4416

Tritanomaly

41.8390, 41.9911, 47.4949

Monochromacy



Original Color

40.9269, 42.2033, 42.0654

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.4257, 42.1745, 44.5379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9269, 42.2033, 42.0654 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(182, 172, 166)` looks like.

```
.text, #text, p{  
    color:rgb(182, 172, 166)  
}
```

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(182, 172, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 172, 166) }
```

Border

The CSS property to change the border of an element to XYZ 40.9269, 42.2033, 42.0654 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(182, 172, 166) }
```


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

```
.border{ border-color:rgb(182, 172, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 172, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 172, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 172, 166);  
box-shadow:4px 4px 4px 4px rgb(182, 172,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9269, 42.2033, 42.0654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 172, 166) }
```

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

```
.background{ background-color: rgb(182,  
172, 166) }
```

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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