

Converting Colors

XYZ(40.4879, 42.3655, 42.1204)

Have a look what the booklet for
XYZ(40.4879, 42.3655, 42.1204)
contains.

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Color

**XYZ(40.4169, 42.2240,
42.0962)**

Conversions

Conversions Part 1

Format	Color
Hex	B3ADA6
RGB	179, 173, 166
RGB Percent	70%, 68%, 65%
CMY	0.2980, 0.3216, 0.3490
CMYK	0.00, 0.03, 0.07, 0.30
HSL	32°, 8%, 68%
HSV	32°, 7%, 70%
XYZ	40.4169, 42.2240, 42.0962
YIQ	173.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

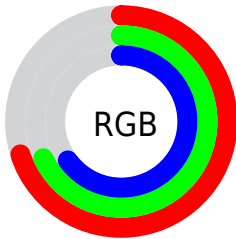
Format	Color
RYB	177, 179, 166
Decimal	11775398
CIELab	71.03, 0.88, 4.34
CIELCh	71, 4.433, 78.503
Yxy	42.2240, 0.3240, 0.3385
Android (android.graphics.Color)	4289965478 (0xFFB3ADA6)
YUV	173.9960, -3.9420, 4.3885
Hunter-Lab	64.9800, -2.6898, 7.0760

Details

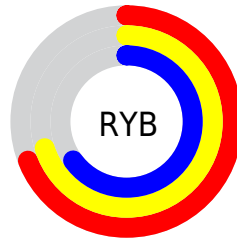
The XYZ color **40.4169, 42.2240, 42.0962** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6150, 40.8660, 48.5010**, and the grayscale version is **40.2485, 42.3446, 46.1133**.

A 20% lighter version of the original color is **75.0555, 78.3694, 79.5776**, and **18.4788, 19.3253, 18.6758** is the 20% darker color. If you saturate the color by 10%, you get **37.3535, 38.5443, 33.5300**, and if you desaturate by 10%, it is **43.8091, 46.1945, 51.9006**.

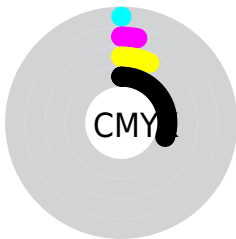
Distribution



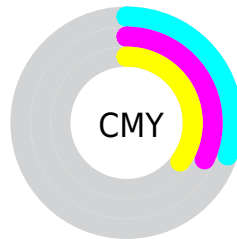
- Red (70%)
- Green (68%)
- Blue (65%)



- Red (69%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (30%)



- Cyan (30%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4169, 42.2240, 42.0962 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 40.4169, 42.2240, 42.0962 by changing the saturation by 10% instead.

■ 40.4169, 42.2240,
42.0962

■ 40.4169, 42.2240,
42.0962

338.9820,
355.4107, 370.6930

■ 28.0494, 29.2767,
28.8505

■ 75.0782, 78.5385,
79.6169

■ 18.5035, 19.2903,
18.7231

■ 98.1028, 102.6746,
104.7289

■ 11.4140, 11.8802,
11.2956

125.4104,
131.3090, 134.6335

■ 6.4153, 6.6622,
6.1494

157.3665,
164.8262, 169.7491

■ 3.1423, 3.2517,
2.8659

194.3363,
203.6106, 210.4943

■ 1.2294, 1.2645,
1.0266

236.6853,

■ 0.1294, 0.1135,

248.0465, 257.2877

0.0000

284.7787,
298.5184, 310.5477

■ 0.0000, 0.0000,
0.0000

■ 40.4169, 42.2240,
42.0962

■ 40.4169, 42.2240,
42.0962

■ 37.3535, 38.5443,
33.5300

■ 43.8091, 46.1945,
51.9006

■ 34.6043, 35.1427,
26.1493

■ 47.5371, 50.4573,
62.9877

■ 32.1586, 32.0134,
19.9015

■ 51.6122, 55.0209,
75.4029

■ 30.0036, 29.1484,
14.7291

■ 56.0439, 59.8918,
89.1888

■ 28.1258, 26.5390,
10.5693

■ 60.7606, 65.0437,
103.9600

■ 26.5101, 24.1763,
7.3528

■ 62.9073, 69.3373,
104.6756

■ 25.1398, 22.0501,
5.0016

■ 65.1616, 73.8459,
105.4270

■ 23.9955, 20.1494,
3.4247

■ 67.5249, 78.5724,
106.2148

■ 23.0501, 18.4598,
2.4889

■ 69.9987, 83.5199,
107.0394

Harmonies

Analogous

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



41.0828, 42.2240, 42.9898



40.4169, 42.2240, 42.0962



39.6828, 42.2240, 42.2178

Triad

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



40.4169, 42.2240, 42.0962



38.7985, 42.2240, 47.2801



41.2078, 42.2240, 48.7278

Complementary

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



40.4169, 42.2240, 42.0962



38.6150, 40.8660, 48.5010

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.



40.5859, 42.2240, 49.9482



40.4169, 42.2240, 42.0962



39.1973, 42.2240, 49.0948

Square

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



40.4169, 42.2240, 42.0962



38.7545, 42.2240, 45.1674



39.8497, 42.2240, 50.0845



41.5431, 42.2240, 46.7917

Rectangle

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



40.4169, 42.2240, 42.0962



39.2534, 42.2240, 42.8591



39.8497, 42.2240, 50.0845



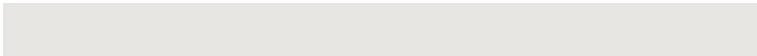
41.0250, 42.2240, 49.2379

Sweetspot

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



40.4181, 42.2258, 42.0971



75.4882, 79.2759, 84.2925



39.6800, 39.8379, 44.6620



16.7389, 17.5805, 18.7169



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.



40.4181, 42.2258, 42.0971



71.3056, 74.3396, 72.3276



41.4940, 44.5261, 42.4844



8.8628, 9.2382, 8.9686



16.1862, 12.8709, 1.6312



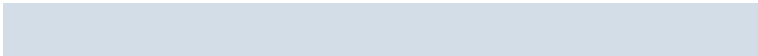
0.5669, 0.5201, 0.0705

Inverse Universe

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



38.6150, 40.8660, 48.5010



67.2875, 71.3093, 86.5988



37.5903, 38.6816, 48.1334



8.3542, 8.8546, 10.7751



7.9762, 6.7527, 31.0200



0.3095, 0.3296, 0.9955

Previews

White Background



This preview shows how the XYZ color 40.4169, 42.2240, 42.0962 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 40.4169, 42.2240, 42.0962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

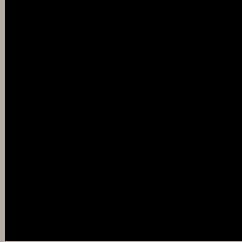
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

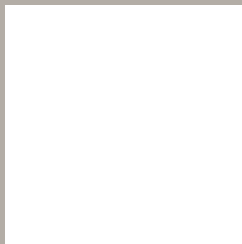
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4169, 42.2240, 42.0962

Background



This preview shows how black text looks on a background with the XYZ color 40.4169, 42.2240, 42.0962.



This preview shows how white text looks on a background with the XYZ color 40.4169, 42.2240,

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

40.4169, 42.2240, 42.0962

Protanopia

40.4169, 42.2240, 42.0962

Deuteranopia

42.9700, 42.1327, 42.4269



Tritanopia

42.3179, 42.1552, 51.2538

Trichromacy



Original Color

40.4169, 42.2240, 42.0962

Protanomaly

40.4169, 42.2240, 42.0962

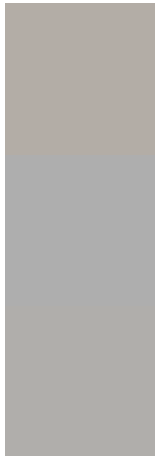
Deuteranomaly

42.0888, 42.2308, 42.4923

Tritanomaly

41.5548, 42.1239, 47.5355

Monochromacy



Original Color

40.4169, 42.2240, 42.0962

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.3912, 42.4425, 44.5914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4169, 42.2240, 42.0962 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(179, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(179, 173, 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(179, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 173, 166) }
```

Border

The CSS property to change the border of an element to XYZ 40.4169, 42.2240, 42.0962 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(179, 173, 166) }
```


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

```
.border{ border-color:rgb(179, 173, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 173, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(179, 173,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4169, 42.2240, 42.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 173, 166) }
```

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

```
.background{ background-color: rgb(179,  
173, 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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