

Converting Colors

XYZ(41.0165, 40.3022, 42.6631)

Have a look what the booklet for
XYZ(41.0165, 40.3022, 42.6631)
contains.

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Color

**XYZ(41.0165, 40.3022,
42.6631)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA5A8
RGB	187, 165, 168
RGB Percent	73%, 65%, 66%
CMY	0.2667, 0.3529, 0.3412
CMYK	0.00, 0.12, 0.10, 0.27
HSL	352°, 14%, 69%
HSV	352°, 12%, 73%
XYZ	41.0165, 40.3022, 42.6631
YIQ	171.9200, 12.1490, 5.5970

Conversions

Conversions Part 2

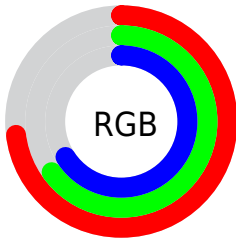
Format	Color
RYB	187, 165, 168
Decimal	12297640
CIELab	69.68, 8.51, 1.38
CIElCh	70, 8.625, 9.214
Yxy	40.3022, 0.3308, 0.3251
Android (android.graphics.Color)	4290487720 (0xFFBBA5A8)
YUV	171.9200, -1.9326, 13.2252
Hunter-Lab	63.4840, 4.2304, 4.5942

Details

The XYZ color **41.0165, 40.3022, 42.6631** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9406, 47.0016, 52.2113**, and the grayscale version is **39.1783, 41.2186, 44.8871**.

A 20% lighter version of the original color is **75.8746, 75.5688, 80.3993**, and **18.8890, 18.1395, 19.0287** is the 20% darker color. If you saturate the color by 10%, you get **36.4747, 33.4787, 34.1805**, and if you desaturate by 10%, it is **46.2407, 48.1904, 52.2964**.

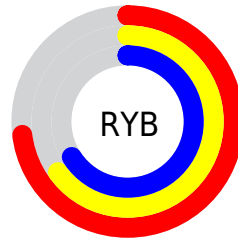
Distribution



Red (73%)

Green (65%)

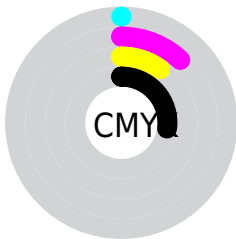
Blue (66%)



Red (73%)

Yellow (65%)

Blue (66%)

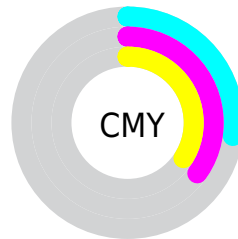


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0165, 40.3022, 42.6631 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 41.0165, 40.3022, 42.6631 by changing the saturation by 10% instead.


 41.0165, 40.3022,
42.6631


 41.0165, 40.3022,
42.6631


341.4510,
347.3957, 373.1049

 28.5197, 27.7742,
29.2914


 75.9835, 75.6235,
80.4831

 18.8602, 18.1555,
19.0539


 99.1844, 99.1856,
105.7685

 11.6727, 11.0617,
11.5320

126.6840,
127.1945, 135.8623

 6.5919, 6.1084,
6.3072

158.8478,
160.0347, 171.1829

 3.2522, 2.9111,
2.9610

196.0410,
198.0905, 212.1489

 1.2885, 1.0855,
1.0748

238.6291,

 0.1746, 0.0000,

241.7463, 259.1789

0.0000

286.9773,
291.3866, 312.6914

■ 0.0000, 0.0000,
0.0000

■ 41.0165, 40.3022,
42.6631

■ 41.0165, 40.3022,
42.6631

■ 36.4747, 33.4787,
34.1805

■ 46.2407, 48.1904,
52.2964

■ 32.5837, 27.6692,
26.8029

■ 52.1704, 57.1806,
63.1186

■ 29.3147, 22.8268,
20.4855

■ 58.8319, 67.3147,
75.1693

■ 26.6350, 18.8989,
15.1792

■ 66.2488, 78.6312,
88.4854

■ 24.5092, 15.8278,
10.8314

■ 73.3157, 88.9097,
102.7263

■ 22.8980, 13.5493,
7.3842

■ 74.3037, 89.3049,
107.9291

■ 21.7567, 11.9901,
4.7738

■ 21.0329, 11.0631,
2.9274

■ 20.6743, 10.6371,
1.9104

Harmonies

Analogous

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



40.8701, 40.3022, 46.6666



41.0165, 40.3022, 42.6631



40.4231, 40.3022, 39.2005

Triad

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



41.0165, 40.3022, 42.6631



36.6344, 40.3022, 38.1928



37.3616, 40.3022, 51.4668

Complementary

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



41.0165, 40.3022, 42.6631



41.9406, 47.0016, 52.2113

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.



36.2642, 40.3022, 48.9227



41.0165, 40.3022, 42.6631



35.8515, 40.3022, 41.2109

Square

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



41.0165, 40.3022, 42.6631



37.8779, 40.3022, 36.7247



35.7177, 40.3022, 45.1244



38.7373, 40.3022, 51.9142

Rectangle

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



41.0165, 40.3022, 42.6631



39.6961, 40.3022, 37.6053



35.7177, 40.3022, 45.1244



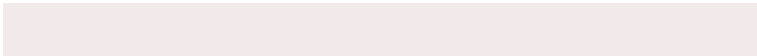
36.9488, 40.3022, 50.8214

Sweetspot

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



41.0176, 40.3040, 42.6640



80.5524, 82.8841, 89.5043



42.1213, 40.6533, 52.6409



17.5781, 18.0093, 19.4144



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.0176, 40.3040, 42.6640



71.3460, 68.9986, 72.4789



42.1723, 43.0551, 41.6872



9.5817, 9.5570, 10.1862



14.2606, 7.3354, 1.4002



0.5759, 0.2943, 0.1462

Inverse Universe

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



41.0176, 40.3040, 42.6640



71.3460, 68.9986, 72.4789



40.6684, 43.9491, 53.3537



9.5817, 9.5570, 10.1862



14.2606, 7.3354, 1.4002



0.5759, 0.2943, 0.1462

Previews

White Background



This preview shows how the XYZ color 41.0165, 40.3022, 42.6631 looks on a white background.

Color Contrast Check

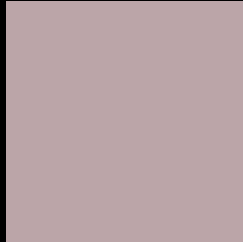
Large Text (above 18pt) WCAG AA × Fail

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 41.0165, 40.3022, 42.6631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

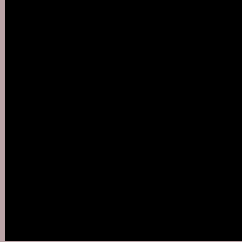
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0165, 40.3022, 42.6631

Background



This preview shows how black text looks on a background with the XYZ color 41.0165, 40.3022, 42.6631.



This preview shows how white text looks on a background with the XYZ color 41.0165, 40.3022,

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

41.0165, 40.3022, 42.6631

Protanopia

38.7722, 40.2004, 44.2440

Deuteranopia

41.2621, 40.4288, 42.6746



Tritanopia

41.8510, 40.3769, 46.6620

Trichromacy



Original Color

41.0165, 40.3022, 42.6631

Protanomaly

39.6184, 40.3725, 43.7348

Deuteranomaly

41.2621, 40.4288, 42.6746

Tritanomaly

41.5573, 40.2594, 45.1157

Monochromacy



Original Color

41.0165, 40.3022, 42.6631

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.6701, 40.6633, 44.2860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0165, 40.3022, 42.6631 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(187, 165, 168)` looks like.

```
.text, #text, p{  
    color:rgb(187, 165, 168)  
}
```

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(187, 165, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 165, 168) }
```

Border

The CSS property to change the border of an element to XYZ 41.0165, 40.3022, 42.6631 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(187, 165, 168) }
```


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

```
.border{ border-color:rgb(187, 165, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 165, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 165, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 165, 168);  
box-shadow:4px 4px 4px 4px rgb(187, 165,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0165, 40.3022, 42.6631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 165, 168) }
```

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

```
.background{ background-color: rgb(187,  
165, 168) }
```

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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