

Converting Colors

XYZ(41.0570, 40.3296, 42.9842)

Have a look what the booklet for
XYZ(41.0570, 40.3296, 42.9842)
contains.

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Color

**XYZ(41.1101, 40.3396,
43.1557)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA5A9
RGB	187, 165, 169
RGB Percent	73%, 65%, 66%
CMY	0.2667, 0.3529, 0.3373
CMYK	0.00, 0.12, 0.10, 0.27
HSL	349°, 14%, 69%
HSV	349°, 12%, 73%
XYZ	41.1101, 40.3396, 43.1557
YIQ	172.0340, 11.8280, 5.9080

Conversions

Conversions Part 2

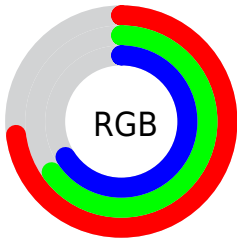
Format	Color
RYB	187, 165, 169
Decimal	12297641
CIELab	69.71, 8.69, 0.87
CIELCh	70, 8.729, 5.690
Yxy	40.3396, 0.3299, 0.3237
Android (android.graphics.Color)	4290487721 (0xFFBBA5A9)
YUV	172.0340, -1.4958, 13.1252
Hunter-Lab	63.5135, 4.3884, 4.1735

Details

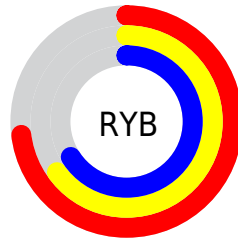
The XYZ color **41.1101, 40.3396, 43.1557** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8362, 46.9600, 51.6612**, and the grayscale version is **39.2339, 41.2772, 44.9508**.

A 20% lighter version of the original color is **76.0099, 75.6229, 81.1115**, and **18.9475, 18.1629, 19.3368** is the 20% darker color. If you saturate the color by 10%, you get **36.6273, 33.5397, 34.9839**, and if you desaturate by 10%, it is **46.2565, 48.1967, 52.3793**.

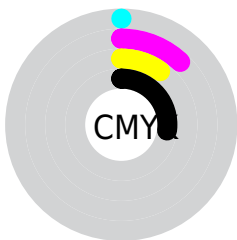
Distribution



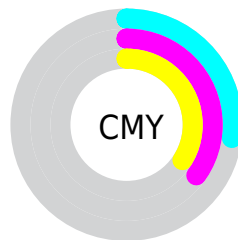
- Red (73%)
- Green (65%)
- Blue (66%)



- 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 41.1101, 40.3396, 43.1557 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 41.1101, 40.3396, 43.1557 by changing the saturation by 10% instead.


 41.1101, 40.3396,
43.1557


 41.1101, 40.3396,
43.1557


341.8353,
347.5529, 375.1917

 28.5932, 27.8034,
29.6750


 76.1247, 75.6804,
81.2346

 18.9160, 18.1775,
19.3421

 99.3530, 99.2537,
106.6700

 11.7133, 11.0775,
11.7384

126.8825,
127.2750, 136.9272

 6.6195, 6.1190,
6.4454

159.0786,
160.1285, 172.4250

 3.2695, 2.9176,
3.0446

196.3065,
198.1986, 213.5818

 1.2978, 1.0889,
1.1175

238.9317,

 0.1816, 0.0000,

241.8698, 260.8161

0.0000

287.3195,
291.5264, 314.5466

■ 0.0000, 0.0000,
0.0000

■ 41.1101, 40.3396,
43.1557

■ 41.1101, 40.3396,
43.1557

■ 36.6273, 33.5397,
34.9839

■ 46.2565, 48.1967,
52.3793

■ 32.7776, 27.7467,
27.8237

■ 52.0887, 57.1478,
62.6876

■ 29.5332, 22.9142,
21.6362

■ 58.6318, 67.2347,
74.1154

■ 26.8629, 18.9900,
16.3790

■ 65.9089, 78.4952,
86.6952

■ 24.7324, 15.9171,
12.0066

■ 72.8136, 88.7089,
100.0819

■ 23.1041, 13.6317,
8.4694

■ 74.3038, 89.3049,
107.9291

■ 21.9351, 12.0615,
5.7129

■ 21.1751, 11.1200,
3.6757

■ 20.7822, 10.6803,
2.4779

Harmonies

Analogous

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



40.8721, 40.3396, 47.2058



41.1101, 40.3396, 43.1557



40.5916, 40.3396, 39.5366

Triad

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



41.1101, 40.3396, 43.1557



36.7777, 40.3396, 37.8997



37.2336, 40.3396, 51.4052

Complementary

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



41.1101, 40.3396, 43.1557



41.8362, 46.9600, 51.6612

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.



36.1763, 40.3396, 48.6223



41.1101, 40.3396, 43.1557



35.9177, 40.3396, 40.7960

Square

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



41.1101, 40.3396, 43.1557



38.0727, 40.3396, 36.6240



35.7002, 40.3396, 44.6993



38.6117, 40.3396, 52.1325

Rectangle

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



41.1101, 40.3396, 43.1557



39.8940, 40.3396, 37.8022



35.7002, 40.3396, 44.6993



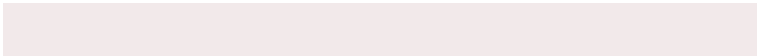
36.8299, 40.3396, 50.6711

Sweetspot

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



41.1112, 40.3414, 43.1566



80.6157, 82.9095, 89.8379



41.9466, 40.5631, 52.6329



17.5945, 18.0159, 19.5008



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.



41.1112, 40.3414, 43.1566



71.5427, 69.0773, 73.5144



42.0325, 42.7753, 41.6405



9.5991, 9.5639, 10.2777



14.3386, 7.3666, 1.8109



0.5836, 0.2973, 0.1863

Inverse Universe

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



41.1112, 40.3414, 43.1566



71.5427, 69.0773, 73.5144



40.8161, 44.2445, 53.4031



9.5991, 9.5639, 10.2777



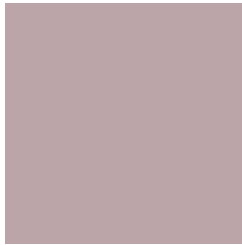
14.3386, 7.3666, 1.8109



0.5836, 0.2973, 0.1863

Previews

White Background



This preview shows how the XYZ color 41.1101, 40.3396, 43.1557 looks on a white background.

Color Contrast Check

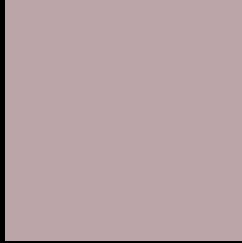
Large Text (above 18pt) WCAG AA × Fail

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 41.1101, 40.3396, 43.1557 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 41.1101, 40.3396, 43.1557

Background



This preview shows how black text looks on a background with the XYZ color 41.1101, 40.3396, 43.1557.



This preview shows how white text looks on a background with the XYZ color 41.1101, 40.3396,

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

41.1101, 40.3396, 43.1557

Protanopia

39.0547, 40.6122, 44.8103

Deuteranopia

41.1101, 40.3396, 43.1557



Tritanopia

41.9503, 40.4166, 47.1851

Trichromacy



Original Color

41.1101, 40.3396, 43.1557

Protanomaly

39.7134, 40.4105, 44.2350

Deuteranomaly

41.1101, 40.3396, 43.1557

Tritanomaly

41.6545, 40.2983, 45.6273

Monochromacy



Original Color

41.1101, 40.3396, 43.1557

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 41.1101, 40.3396, 43.1557 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(187, 165, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 165, 169) }
```

Border

The CSS property to change the border of an element to XYZ 41.1101, 40.3396, 43.1557 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, 169) }
```


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

```
.border{ border-color:rgb(187, 165, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 165, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 165, 169);  
box-shadow:4px 4px 4px 4px rgb(187, 165,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1101, 40.3396, 43.1557 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, 169) }
```

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

```
.background{ background-color: rgb(187,  
165, 169) }
```

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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