

Converting Colors

XYZ(41.6909, 42.3165, 39.5327)

Have a look what the booklet for
XYZ(41.6909, 42.3165, 39.5327)
contains.

XYZ(41.7350, 42.3904, 39.7007)	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(41.7350, 42.3904,
39.7007)**

Conversions

Conversions Part 1

Format	Color
Hex	BCABA1
RGB	188, 171, 161
RGB Percent	74%, 67%, 63%
CMY	0.2627, 0.3294, 0.3686
CMYK	0.00, 0.09, 0.14, 0.26
HSL	22°, 17%, 68%
HSV	22°, 14%, 74%
XYZ	41.7350, 42.3904, 39.7007
YIQ	174.9430, 13.3420, 0.4940

Conversions

Conversions Part 2

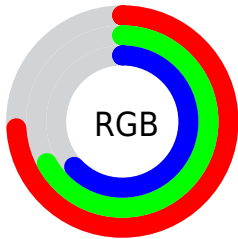
Format	Color
R_{YB}	188, 177, 161
Decimal	12364705
CIE Lab	71.14, 4.44, 7.36
CIE LCh	71, 8.592, 58.922
Yxy	42.3904, 0.3370, 0.3423
Android (android.graphics.Color)	4290554785 (0xFFBCABA1)
YUV	174.9430, -6.8739, 11.4510
Hunter-Lab	65.1079, 0.4819, 9.4224

Details

The XYZ color **41.7350, 42.3904, 39.7007** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.6953, 43.0479, 53.7943**, and the grayscale version is **40.7486, 42.8707, 46.6862**.

A 20% lighter version of the original color is **76.8993, 78.5837, 76.0809**, and **19.4030, 19.4703, 17.4874** is the 20% darker color. If you saturate the color by 10%, you get **38.0642, 37.5053, 30.9035**, and if you desaturate by 10%, it is **45.8576, 47.7794, 49.8794**.

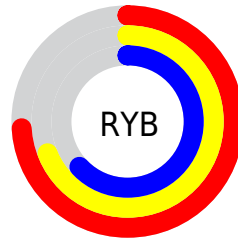
Distribution



Red (74%)

Green (67%)

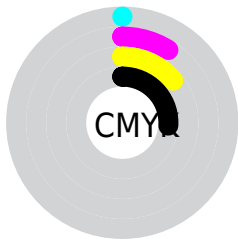
Blue (63%)



Red (74%)

Yellow (69%)

Blue (63%)

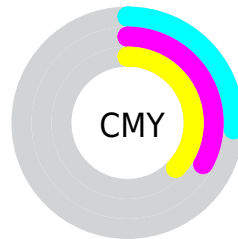


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7350, 42.3904, 39.7007 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 41.7350, 42.3904, 39.7007 by changing the saturation by 10% instead.


 41.7350, 42.3904,
39.7007


 41.7350, 42.3904,
39.7007


344.3936,
356.0988, 360.3750

 29.0840, 29.4071,
26.9933


 77.0661, 78.7901,
75.9396

 19.2890, 19.3890,
17.3358


 100.4769,
102.9754, 100.3082

 11.9845, 11.9517,
10.3097


128.2051,
131.6634, 129.4009

 6.8053, 6.7108,
5.4965

160.6160,
165.2385, 163.6362

 3.3859, 3.2819,
2.4776

198.0749,
204.0853, 203.4327

 1.3609, 1.2806,
0.8283

240.9473,

 0.2281, 0.1261,

248.5880, 249.2090

0.0000

289.5984,
299.1310, 301.3836

■ 0.0000, 0.0000,
0.0000

■ 41.7350, 42.3904,
39.7007

■ 41.7350, 42.3904,
39.7007

■ 38.0642, 37.5053,
30.9035

■ 45.8576, 47.7794,
49.8794

■ 34.8255, 33.1035,
23.4249

■ 50.4439, 53.6808,
61.4933

■ 32.0026, 29.1712,
17.2012

■ 55.5099, 60.1100,
74.5965

■ 29.5768, 25.6919,
12.1623

■ 61.0694, 67.0804,
89.2396

■ 27.5280, 22.6479,
8.2309

■ 67.1356, 74.6042,
105.4694

■ 25.8337, 20.0202,
5.3208

■ 70.5451, 81.4232,
106.6059

■ 24.4690, 17.7882,
3.3324

■ 74.1826, 88.6982,
107.8184

■ 23.4044, 15.9288,
2.1456

■ 74.5492, 89.4315,
107.9406

■ 22.9078, 15.0286,
1.6934

Harmonies

Analogous

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



42.7597, 42.3904, 42.4313



41.7350, 42.3904, 39.7007



40.3428, 42.3904, 38.6828

Triad

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



41.7350, 42.3904, 39.7007



37.5891, 42.3904, 46.0071



41.6428, 42.3904, 53.4396

Complementary

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



41.7350, 42.3904, 39.7007



39.6953, 43.0479, 53.7943

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.



40.2388, 42.3904, 54.5344



41.7350, 42.3904, 39.7007



37.9188, 42.3904, 50.0924

Square

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



41.7350, 42.3904, 39.7007



37.9688, 42.3904, 42.1878



38.8803, 42.3904, 53.2755



42.7056, 42.3904, 50.3654

Rectangle

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



41.7350, 42.3904, 39.7007



39.4008, 42.3904, 39.0632



38.8803, 42.3904, 53.2755



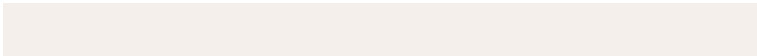
41.1941, 42.3904, 54.0591

Sweetspot

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



41.7362, 42.3923, 39.7016



83.3430, 86.8952, 90.9831



41.5304, 39.4001, 47.5888



17.7946, 18.5205, 19.2455



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.



41.7362, 42.3923, 39.7016



73.6159, 74.1531, 67.0479



44.3963, 47.7125, 40.5883



9.8119, 10.0998, 10.0090



15.6625, 10.3638, 1.1749



0.6767, 0.5323, 0.0671

Inverse Universe

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



39.6953, 43.0479, 53.7943



69.2546, 75.5526, 97.1592



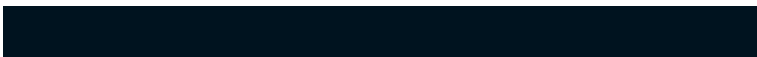
37.1587, 37.9747, 52.9488



9.5034, 10.1991, 12.1399



10.6918, 11.4954, 34.0482



0.4794, 0.5715, 1.3539

Previews

White Background



This preview shows how the XYZ color 41.7350, 42.3904, 39.7007 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 41.7350, 42.3904, 39.7007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

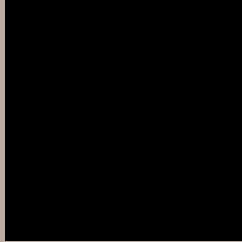
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7350, 42.3904, 39.7007

Background



This preview shows how black text looks on a background with the XYZ color 41.7350, 42.3904, 39.7007.



This preview shows how white text looks on a background with the XYZ color 41.7350, 42.3904,

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

41.7350, 42.3904, 39.7007

Protanopia

40.4800, 42.5840, 40.2684

Deuteranopia

43.2892, 42.3497, 40.0751



Tritanopia

43.8290, 42.4178, 49.5935

Trichromacy



Original Color

41.7350, 42.3904, 39.7007

Protanomaly

40.9936, 42.5631, 40.2373

Deuteranomaly

42.7019, 42.3220, 40.1008

Tritanomaly

43.0632, 42.3791, 45.9547

Monochromacy



Original Color

41.7350, 42.3904, 39.7007

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2141, 42.8777, 44.1342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7350, 42.3904, 39.7007 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(188, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(188, 171, 161)  
}
```

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(188, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 171, 161) }
```

Border

The CSS property to change the border of an element to XYZ 41.7350, 42.3904, 39.7007 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(188, 171, 161) }
```


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

```
.border{ border-color:rgb(188, 171, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(188, 171,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7350, 42.3904, 39.7007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 171, 161) }
```

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

```
.background{ background-color: rgb(188,  
171, 161) }
```

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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