

Converting Colors

XYZ(41.3929, 38.0243, 51.9185)

Have a look what the booklet for
XYZ(41.3929, 38.0243, 51.9185)
contains.

XYZ(41.3516, 37.9296, 52.1554)	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(41.3516, 37.9296,
52.1554)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9CBB
RGB	187, 156, 187
RGB Percent	73%, 61%, 73%
CMY	0.2667, 0.3882, 0.2667
CMYK	0.00, 0.17, 0.00, 0.27
HSL	300°, 19%, 67%
HSV	300°, 17%, 73%
XYZ	41.3516, 37.9296, 52.1554
YIQ	168.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

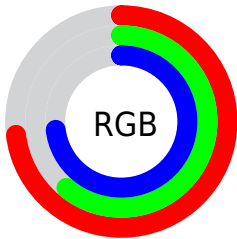
Format	Color
RYB	187, 156, 187
Decimal	12295355
CIELab	67.97, 16.93, -11.71
CIElCh	68, 20.590, 325.330
Yxy	37.9296, 0.3146, 0.2886
Android (android.graphics.Color)	4290485435 (0xFFBB9CBB)
YUV	168.8030, 8.9711, 15.9588
Hunter-Lab	61.5870, 12.0737, -7.0993

Details

The XYZ color **41.3516, 37.9296, 52.1554** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.4828, 45.0099, 38.1667**, and the grayscale version is **37.5698, 39.5264, 43.0442**.

A 20% lighter version of the original color is **76.4341, 72.1143, 94.6850**, and **19.1862, 16.8927, 24.8037** is the 20% darker color. If you saturate the color by 10%, you get **38.4525, 32.1308, 51.1895**, and if you desaturate by 10%, it is **44.7361, 44.6979, 53.2840**.

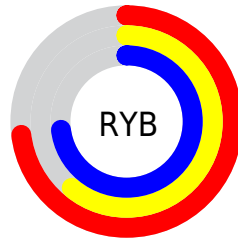
Distribution



Red (73%)

Green (61%)

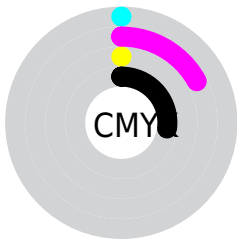
Blue (73%)



Red (73%)

Yellow (61%)

Blue (73%)

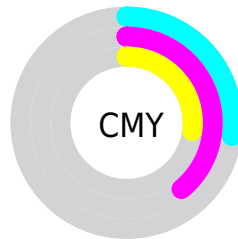


Cyan (0%)

Magenta (17%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (39%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3516, 37.9296, 52.1554 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 41.3516, 37.9296, 52.1554 by changing the saturation by 10% instead.


 41.3516, 37.9296,
52.1554

 41.3516, 37.9296,
52.1554


342.8255,
337.3179, 412.0103

 28.7828, 25.9281,
36.7459


 76.4887, 72.0002,
94.7893

 19.0600, 16.7698,
24.7165

 99.7877, 94.8381,
122.8507

 11.8179, 10.0705,
15.6489


127.3941,
122.0568, 155.9666

 6.6911, 5.4457,
9.1244

159.6734,
154.0409, 194.5553

 3.3143, 2.5111,
4.7245

196.9908,
191.1746, 239.0355

 1.3221, 0.8822,
2.0306

239.7117,

 0.1996, 0.0000,

233.8424, 289.8257

0.5740

288.2015,
282.4287, 347.3444

■ 0.0000, 0.0000,
0.0000

■ 41.3516, 37.9296,
52.1554

■ 41.3516, 37.9296,
52.1554

■ 38.4525, 32.1308,
51.1895

■ 44.7361, 44.6979,
53.2840

■ 36.0133, 27.2525,
50.3764

■ 48.6231, 52.4719,
54.5797

■ 34.0115, 23.2488,
49.7091

■ 53.0332, 61.2922,
56.0498

■ 32.4211, 20.0680,
49.1790

■ 57.9849, 71.1955,
57.7003

■ 31.2137, 17.6531,
48.7765

■ 63.4955, 82.2168,
59.5372

■ 30.3569, 15.9396,
48.4908

■ 65.2235, 85.6728,
60.1132

■ 29.8134, 14.8525,
48.3097

■ 65.2235, 85.6728,
60.1133

■ 29.5330, 14.2918,
48.2162

■ 65.2236, 85.6728,
60.1133

■ 29.4635, 14.1528,
48.1930

■ 65.2236, 85.6728,
60.1133

Harmonies

Analogous

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



38.7478, 37.9296, 59.3608



41.3516, 37.9296, 52.1554



42.5375, 37.9296, 42.7503

Triad

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



41.3516, 37.9296, 52.1554



36.5542, 37.9296, 26.1084



30.7708, 37.9296, 49.3055

Complementary

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



41.3516, 37.9296, 52.1554



37.4828, 45.0099, 38.1667

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.



30.2598, 37.9296, 39.8807



41.3516, 37.9296, 52.1554



33.4822, 37.9296, 27.3317

Square

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



41.3516, 37.9296, 52.1554



39.6654, 37.9296, 28.4359



31.2238, 37.9296, 32.0643



32.6630, 37.9296, 57.5521

Rectangle

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



41.3516, 37.9296, 52.1554



42.3162, 37.9296, 36.8134



31.2238, 37.9296, 32.0643



30.4368, 37.9296, 46.1347

Sweetspot

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



41.3527, 37.9312, 52.1562



81.1035, 82.0175, 95.7577



34.5701, 34.4347, 51.8388



17.7576, 17.8562, 21.0532



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.



41.3527, 37.9312, 52.1562



72.0157, 63.8420, 92.7284



39.7817, 37.3028, 43.8832



9.9300, 9.6963, 12.0204



20.3004, 9.7513, 33.2050



0.7952, 0.3820, 1.3007

Inverse Universe

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



41.3527, 37.9312, 52.1562



72.0157, 63.8420, 92.7284



38.8804, 45.5689, 45.5263



9.9300, 9.6963, 12.0204



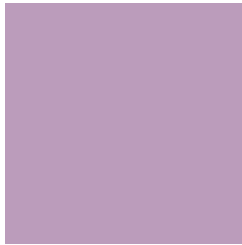
20.3004, 9.7513, 33.2050



0.7952, 0.3820, 1.3007

Previews

White Background



This preview shows how the XYZ color 41.3516, 37.9296, 52.1554 looks on a white background.

Color Contrast Check

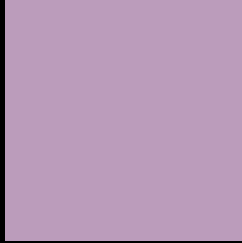
Large Text (above 18pt) WCAG AA × Fail

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 41.3516, 37.9296, 52.1554 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 41.3516, 37.9296, 52.1554

Background



This preview shows how black text looks on a background with the XYZ color 41.3516, 37.9296, 52.1554.



This preview shows how white text looks on a background with the XYZ color 41.3516, 37.9296,

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

41.3516, 37.9296, 52.1554

Protanopia

37.4878, 37.9338, 55.2153

Deuteranopia

38.6211, 37.8056, 51.7160



Tritanopia

39.7564, 38.0508, 43.7772

Trichromacy



Original Color

41.3516, 37.9296, 52.1554

Protanomaly

38.6167, 37.7535, 53.9670

Deuteranomaly

39.3925, 37.6886, 51.6528

Tritanomaly

40.4124, 38.0671, 46.8127

Monochromacy



Original Color

41.3516, 37.9296, 52.1554

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.0164, 38.9156, 46.5294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3516, 37.9296, 52.1554 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, 156, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 156, 187)  
}
```

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, 156, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 156, 187) }
```

Border

The CSS property to change the border of an element to XYZ 41.3516, 37.9296, 52.1554 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, 156, 187) }
```


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

```
.border{ border-color:rgb(187, 156, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 156, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 156, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 156, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 156,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3516, 37.9296, 52.1554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 156, 187) }
```

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

```
.background{ background-color: rgb(187,  
156, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor