

Converting Colors

XYZ(41.3753, 38.7749, 49.3491)

Have a look what the booklet for
XYZ(41.3753, 38.7749, 49.3491)
contains.

XYZ(41.3352, 38.7385, 49.5546)	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(41.3352, 38.7385,
49.5546)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9FB6
RGB	187, 159, 182
RGB Percent	73%, 62%, 71%
CMY	0.2667, 0.3765, 0.2863
CMYK	0.00, 0.15, 0.03, 0.27
HSL	311°, 17%, 68%
HSV	311°, 15%, 73%
XYZ	41.3352, 38.7385, 49.5546
YIQ	169.9940, 9.3050, 13.0890

Conversions

Conversions Part 2

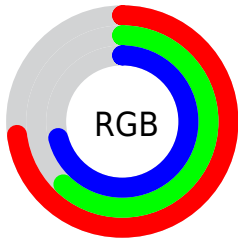
Format	Color
RYB	187, 159, 182
Decimal	12296118
CIELab	68.56, 14.33, -8.05
CIElCh	69, 16.433, 330.688
Yxy	38.7385, 0.3189, 0.2988
Android (android.graphics.Color)	4290486198 (0xFFBB9FB6)
YUV	169.9940, 5.9190, 14.9143
Hunter-Lab	62.2403, 9.6255, -3.6375

Details

The XYZ color **41.3352, 38.7385, 49.5546** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7708, 45.5931, 41.8811**, and the grayscale version is **38.1747, 40.1627, 43.7372**.

A 20% lighter version of the original color is **76.4413, 73.3209, 91.0124**, and **19.0517, 17.1687, 23.0786** is the 20% darker color. If you saturate the color by 10%, you get **38.0189, 32.6512, 46.7668**, and if you desaturate by 10%, it is **45.1485, 45.8055, 52.5496**.

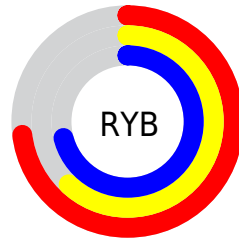
Distribution



Red (73%)

Green (62%)

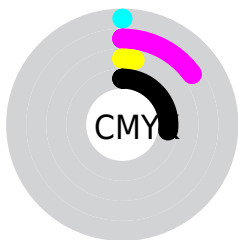
Blue (71%)



Red (73%)

Yellow (62%)

Blue (71%)

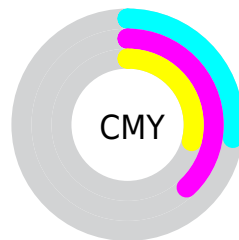


Cyan (0%)

Magenta (15%)

Yellow (3%)

Black (27%)



Cyan (27%)


Magenta (38%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3352, 38.7385, 49.5546 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 41.3352, 38.7385, 49.5546 by changing the saturation by 10% instead.


 41.3352, 38.7385,
49.5546


 41.3352, 38.7385,
49.5546


342.7583,
340.7774, 401.6066

 28.7699, 26.5564,
34.6909


 76.4640, 73.2387,
90.9041

 19.0502, 17.2403,
23.1432


 99.7582, 96.3255,
118.2270

 11.8108, 10.4060,
14.4930


127.3594,
123.8160, 150.5401

 6.6863, 5.6690,
8.3217

159.6330,
156.0945, 188.2618

 3.3113, 2.6448,
4.2108

196.9444,
193.5456, 231.8108

 1.3204, 0.9493,
1.7417

239.6588,

 0.1984, 0.0000,

236.5535, 281.6056

0.3891

288.1417,
285.5026, 338.0647

■ 0.0000, 0.0000,
0.0000

■ 41.3352, 38.7385,
49.5546

■ 41.3352, 38.7385,
49.5546

■ 38.0189, 32.6512,
46.7668

■ 45.1485, 45.8055,
52.5496

■ 35.1743, 27.4948,
44.1761

■ 49.4759, 53.8879,
55.7564

■ 32.7791, 23.2242,
41.7753

■ 54.3377, 63.0259,
59.1826

■ 30.8078, 19.7884,
39.5556

■ 59.7523, 73.2561,
62.8344

■ 29.2322, 17.1313,
37.5072

■ 65.7371, 84.6131,
66.7180

■ 28.0207, 15.1896,
35.6194

■ 66.9193, 86.3512,
69.0427

■ 27.1368, 13.8905,
33.8798

■ 67.3193, 86.5111,
71.1489

■ 26.5360, 13.1451,
32.2731

■ 67.7279, 86.6746,
73.3005

■ 26.2935, 12.8848,
31.4995

■ 68.1451, 86.8415,
75.4978

Harmonies

Analogous

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



39.4203, 38.7385, 55.6723



41.3352, 38.7385, 49.5546



42.0274, 38.7385, 42.0087

Triad

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



41.3352, 38.7385, 49.5546



36.7600, 38.7385, 29.4650



32.7010, 38.7385, 49.8854

Complementary

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



41.3352, 38.7385, 49.5546



38.7708, 45.5931, 41.8811

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.



32.0612, 38.7385, 42.3510



41.3352, 38.7385, 49.5546



34.3362, 38.7385, 31.0648

Square

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



41.3352, 38.7385, 49.5546



39.3121, 38.7385, 30.9254



32.6458, 38.7385, 35.5753



34.4351, 38.7385, 55.8785

Rectangle

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



41.3352, 38.7385, 49.5546



41.6780, 38.7385, 37.3390



32.6458, 38.7385, 35.5753



32.3545, 38.7385, 47.4215

Sweetspot

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



41.3363, 38.7402, 49.5554



81.5238, 83.2727, 94.6196



36.6106, 36.2432, 52.0805



17.8306, 18.1103, 20.7439



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.



41.3363, 38.7402, 49.5554



71.9634, 65.5723, 87.0541



39.9920, 38.2025, 42.4765



9.8548, 9.6662, 11.6246



18.1403, 8.8873, 21.8301



0.7300, 0.3559, 0.9576

Inverse Universe

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



41.3363, 38.7402, 49.5554



71.9634, 65.5723, 87.0541



40.0722, 46.1137, 48.7343



9.8548, 9.6662, 11.6246



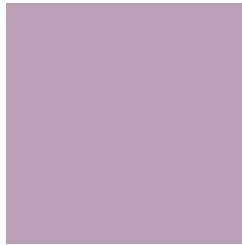
18.1403, 8.8873, 21.8301



0.7300, 0.3559, 0.9576

Previews

White Background



This preview shows how the XYZ color 41.3352, 38.7385, 49.5546 looks on a white background.

Color Contrast Check

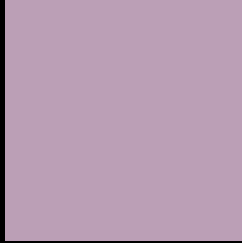
Large Text (above 18pt) WCAG AA × Fail

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 41.3352, 38.7385, 49.5546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

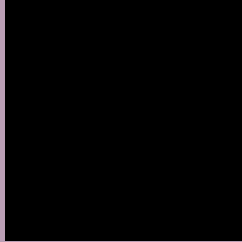
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3352, 38.7385, 49.5546

Background



This preview shows how black text looks on a background with the XYZ color 41.3352, 38.7385, 49.5546.



This preview shows how white text looks on a background with the XYZ color 41.3352, 38.7385,

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

41.3352, 38.7385, 49.5546

Protanopia

38.0162, 38.8169, 51.9431

Deuteranopia

39.5691, 38.8777, 49.1347



Tritanopia

40.5374, 38.9460, 44.9159

Trichromacy



Original Color

41.3352, 38.7385, 49.5546

Protanomaly

39.0877, 38.5814, 51.2858

Deuteranomaly

40.3169, 39.0006, 49.1190

Tritanomaly

40.6570, 38.7153, 46.4042

Monochromacy



Original Color

41.3352, 38.7385, 49.5546

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.1807, 39.5585, 45.6149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3352, 38.7385, 49.5546 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, 159, 182)` looks like.

```
.text, #text, p{  
    color:rgb(187, 159, 182)  
}
```

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, 159, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 159, 182) }
```

Border

The CSS property to change the border of an element to XYZ 41.3352, 38.7385, 49.5546 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, 159, 182) }
```


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

```
.border{ border-color:rgb(187, 159, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 159, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 159, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 159, 182);  
box-shadow:4px 4px 4px 4px rgb(187, 159,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3352, 38.7385, 49.5546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 159, 182) }
```

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

```
.background{ background-color: rgb(187,  
159, 182) }
```

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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