

Converting Colors

XYZ(41.0449, 36.9832, 54.2654)

Have a look what the booklet for
XYZ(41.0449, 36.9832, 54.2654)
contains.

XYZ(41.0449, 36.9832, 54.2654)	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(41.0449, 36.9832,
54.2654)**

Conversions

Conversions Part 1

Format	Color
Hex	BA99BF
RGB	186, 153, 191
RGB Percent	73%, 60%, 75%
CMY	0.2706, 0.4000, 0.2510
CMYK	0.03, 0.20, 0.00, 0.25
HSL	292°, 23%, 67%
HSV	292°, 20%, 75%
XYZ	41.0449, 36.9832, 54.2654
YIQ	167.1990, 7.4700, 18.8140

Conversions

Conversions Part 2

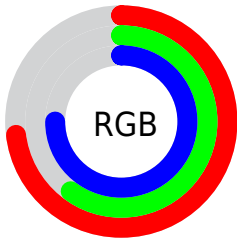
Format	Color
R_{YB}	186, 153, 191
Decimal	12229055
CIE _{Lab}	67.26, 19.03, -15.01
CIE _{LCh}	67, 24.237, 321.737
Yxy	36.9832, 0.3103, 0.2796
Android (android.graphics.Color)	4290419135 (0xFFBA99BF)
YUV	167.1990, 11.7339, 16.4885
Hunter-Lab	60.8138, 14.0503, -10.3360

Details

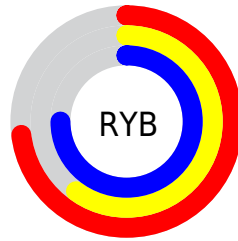
The XYZ color **41.0449, 36.9832, 54.2654** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.4825, 46.8316, 37.1501**, and the grayscale version is **36.7706, 38.6855, 42.1285**.

A 20% lighter version of the original color is **75.7193, 70.2183, 97.5583**, and **19.0117, 16.3243, 26.1936** is the 20% darker color. If you saturate the color by 10%, you get **37.5607, 30.9126, 53.2778**, and if you desaturate by 10%, it is **45.0425, 44.0633, 55.4219**.

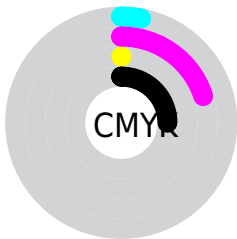
Distribution



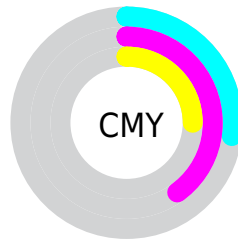
- Red (73%)
- Green (60%)
- Blue (75%)



- Red (73%)
- Yellow (60%)
- Blue (75%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)



- Cyan (27%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0449, 36.9832, 54.2654 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 41.0449, 36.9832, 54.2654 by changing the saturation by 10% instead.

■ 41.0449, 36.9832,
54.2654

■ 41.0449, 36.9832,
54.2654

341.5676,
333.2378, 420.3245

■ 28.5420, 25.1945,
38.4193

■ 76.0263, 70.5469,
97.9241

■ 18.8772, 16.2220,
26.0039

■ 99.2356, 93.0908,
126.5738

■ 11.6850, 9.6814,
16.6008

126.7443,
119.9884, 160.3285

■ 6.6003, 5.1882,
9.7913

158.9178,
151.6243, 199.6065

■ 3.2575, 2.3581,
5.1570

196.1216,
188.3827, 244.8267

■ 1.2913, 0.8042,
2.2793

238.7209,

■ 0.1767, 0.0000,

230.6482, 296.4073

0.7196

287.0811,
278.8051, 354.7671

■ 0.0000, 0.0000,
0.0000

■ 41.0449, 36.9832,
54.2654

■ 41.0449, 36.9832,
54.2654

■ 37.5607, 30.9126,
53.2778

■ 45.0425, 44.0633,
55.4219

■ 34.5626, 25.7992,
52.4489

■ 49.5724, 52.1925,
56.7522

■ 32.0261, 21.5931,
51.7707

■ 54.6565, 61.4141,
58.2642

■ 29.9231, 18.2382,
51.2340

■ 60.3146, 71.7676,
59.9644

■ 28.2221, 15.6719,
50.8283

■ 66.5655, 83.2904,
61.8591

■ 26.8877, 13.8229,
50.5417

■ 69.2732, 87.7104,
62.5695

■ 25.8776, 12.6074,
50.3604

■ 69.9548, 88.0617,
62.6014

■ 25.1102, 11.8617,
50.2569

■ 70.6475, 88.4188,
62.6338

■ 25.1023, 11.8544,
50.2559

■ 71.3514, 88.7817,
62.6667

Harmonies

Analogous

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



37.8554, 36.9832, 62.3403



41.0449, 36.9832, 54.2654



42.6806, 36.9832, 43.2712

Triad

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



41.0449, 36.9832, 54.2654



36.1848, 36.9832, 23.2689



28.9425, 36.9832, 48.3042

Complementary

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



41.0449, 36.9832, 54.2654



38.4825, 46.8316, 37.1501

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.



28.5643, 36.9832, 37.4078



41.0449, 36.9832, 54.2654



32.5793, 36.9832, 24.1388

Square

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



41.0449, 36.9832, 54.2654



39.7486, 36.9832, 26.2832



29.8509, 36.9832, 28.9125



30.9231, 36.9832, 58.4994

Rectangle

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



41.0449, 36.9832, 54.2654



42.5953, 36.9832, 36.2603



29.8509, 36.9832, 28.9125



28.6296, 36.9832, 44.5615

Sweetspot

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



41.0460, 36.9848, 54.2662



83.6376, 84.2212, 100.1273



34.7807, 35.0122, 54.2157



18.2505, 18.2873, 21.9532



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.0460, 36.9848, 54.2662



70.6015, 61.1421, 96.3596



40.8207, 37.0375, 46.6285



9.8031, 9.6309, 12.0145



16.5454, 7.8155, 33.0294



0.6829, 0.3241, 1.2954

Inverse Universe

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



39.0500, 36.3292, 37.3037



66.4023, 59.7746, 60.1416



38.7379, 46.8224, 43.5244



9.5799, 9.5563, 10.1768



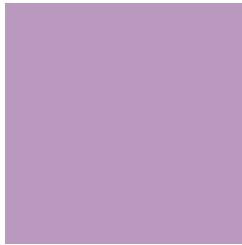
14.2538, 7.3327, 1.3640



0.5752, 0.2940, 0.1420

Previews

White Background



This preview shows how the XYZ color 41.0449, 36.9832, 54.2654 looks on a white background.

Color Contrast Check

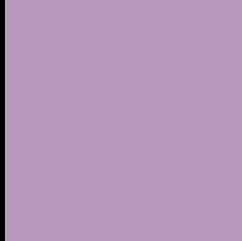
Large Text (above 18pt) WCAG AA × Fail

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 41.0449, 36.9832, 54.2654 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 41.0449, 36.9832, 54.2654

Background



This preview shows how black text looks on a background with the XYZ color 41.0449, 36.9832, 54.2654.



This preview shows how white text looks on a background with the XYZ color 41.0449, 36.9832,

54.2654.

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

41.0449, 36.9832, 54.2654

Protanopia

36.7087, 36.9398, 58.0187

Deuteranopia

38.0135, 37.1841, 53.8889



Tritanopia

38.7468, 37.0458, 42.6445

Trichromacy



Original Color

41.0449, 36.9832, 54.2654

Protanomaly

38.1848, 36.9519, 56.7496

Deuteranomaly

39.0304, 36.9456, 53.7893

Tritanomaly

39.5914, 37.1416, 46.6773

Monochromacy



Original Color

41.0449, 36.9832, 54.2654

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.2124, 37.9739, 46.3900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0449, 36.9832, 54.2654 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(186, 153, 191)` looks like.

```
.text, #text, p{  
    color:rgb(186, 153, 191)  
}
```

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(186, 153, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 153, 191) }
```

Border

The CSS property to change the border of an element to XYZ 41.0449, 36.9832, 54.2654 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(186, 153, 191) }
```


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

```
.border{ border-color:rgb(186, 153, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 153, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 153, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 153, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 153,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0449, 36.9832, 54.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 153, 191) }
```

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

```
.background{ background-color: rgb(186,  
153, 191) }
```

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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