

Converting Colors

XYZ(41.3982, 38.7292, 53.4266)

Have a look what the booklet for
XYZ(41.3982, 38.7292, 53.4266)
contains.

XYZ(41.3506, 38.6607, 53.4270)	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(41.3506, 38.6607,
53.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	B89FBD
RGB	184, 159, 189
RGB Percent	72%, 62%, 74%
CMY	0.2784, 0.3765, 0.2588
CMYK	0.03, 0.16, 0.00, 0.26
HSL	290°, 19%, 68%
HSV	290°, 16%, 74%
XYZ	41.3506, 38.6607, 53.4270
YIQ	169.8950, 5.2700, 14.6300

Conversions

Conversions Part 2

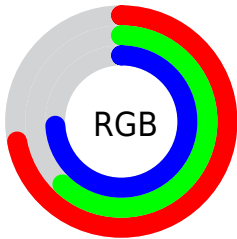
Format	Color
R_{YB}	184, 159, 189
Decimal	12099517
CIE _{Lab}	68.50, 14.62, -12.05
CIE _{LCh}	69, 18.946, 320.505
Yxy	38.6607, 0.3099, 0.2897
Android (android.graphics.Color)	4290289597 (0xFFB89FBD)
YUV	169.8950, 9.4188, 12.3701
Hunter-Lab	62.1777, 9.8984, -7.4213

Details

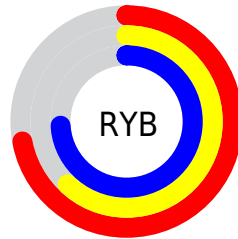
The XYZ color **41.3506, 38.6607, 53.4270** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.7668, 46.7919, 39.7386**, and the grayscale version is **38.1099, 40.0945, 43.6630**.

A 20% lighter version of the original color is **76.4632, 73.2110, 96.4873**, and **19.0617, 17.1183, 25.5920** is the 20% darker color. If you saturate the color by 10%, you get **37.5999, 32.2665, 52.3911**, and if you desaturate by 10%, it is **45.6174, 46.0608, 54.6311**.

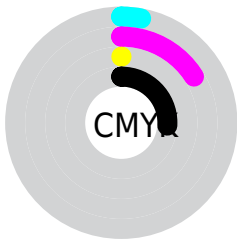
Distribution



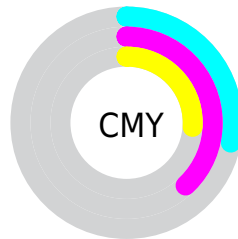
- Red (72%)
- Green (62%)
- Blue (74%)



- Red (72%)
- Yellow (62%)
- Blue (74%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (26%)



- Cyan (28%)
- Magenta (38%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3506, 38.6607, 53.4270 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 41.3506, 38.6607, 53.4270 by changing the saturation by 10% instead.

■ 41.3506, 38.6607,
53.4270

■ 41.3506, 38.6607,
53.4270

342.8214,
340.4458, 417.0339

■ 28.7820, 26.4959,
37.7537

■ 76.4872, 73.1197,
96.6803

■ 19.0594, 17.1950,
25.4912

■ 99.7859, 96.1827,
125.0974

■ 11.8175, 10.3736,
16.2211

127.3920,
123.6471, 158.5995

■ 6.6908, 5.6474,
9.5247

159.6709,
155.8975, 197.6051

■ 3.3141, 2.6319,
4.9835

196.9880,
193.3181, 242.5328

■ 1.3220, 0.9427,
2.1790

239.7085,

■ 0.1996, 0.0000,

236.2935, 293.8012

0.6622

288.1979,
285.2079, 351.8287

■ 0.0000, 0.0000,
0.0000

■ 41.3506, 38.6607,
53.4270

■ 41.3506, 38.6607,
53.4270

■ 37.5999, 32.2665,
52.3911

■ 45.6174, 46.0608,
54.6311

■ 34.3392, 26.8282,
51.5132

■ 50.4179, 54.5039,
56.0077

■ 31.5453, 22.2988,
50.7862

■ 55.7733, 64.0315,
57.5645

■ 29.1917, 18.6256,
50.2013

■ 61.7025, 74.6813,
59.3076

■ 27.2492, 15.7504,
49.7487

■ 68.2235, 86.4890,
61.2430

■ 25.6850, 13.6074,
49.4175

■ 69.5474, 87.8770,
61.4411

■ 24.4608, 12.1207,
49.1950

■ 70.4136, 88.3235,
61.4817

■ 23.5286, 11.1941,
49.0653

■ 71.2973, 88.7790,
61.5230

■ 23.1878, 10.8926,
49.0251

■ 72.1986, 89.2437,
61.5652

Harmonies

Analogous

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



38.7912, 38.6607, 59.4257



41.3506, 38.6607, 53.4270



42.6964, 38.6607, 44.8625

Triad

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



41.3506, 38.6607, 53.4270



37.6999, 38.6607, 27.8867



31.6325, 38.6607, 48.1132

Complementary

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



41.3506, 38.6607, 53.4270



39.7668, 46.7919, 39.7386

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.



31.3756, 38.6607, 39.4436



41.3506, 38.6607, 53.4270



34.7737, 38.6607, 28.5110

Square

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



41.3506, 38.6607, 53.4270



40.5147, 38.6607, 30.6518



32.4963, 38.6607, 32.4905



33.2183, 38.6607, 56.0813

Rectangle

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



41.3506, 38.6607, 53.4270



42.6770, 38.6607, 39.1714



32.4963, 38.6607, 32.4905



31.3914, 38.6607, 45.1604

Sweetspot

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



41.3518, 38.6624, 53.4278



82.3448, 83.6214, 98.0267



36.8501, 37.7770, 53.4942



17.5847, 17.7670, 21.0451



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.



41.3518, 38.6624, 53.4278



71.6519, 65.1131, 95.0178



41.5729, 38.8917, 48.2302



9.7696, 9.6136, 12.0129



15.6567, 7.3574, 32.9878



0.6554, 0.3099, 1.2941

Inverse Universe

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



40.0866, 38.2971, 40.4030



68.9919, 64.3547, 67.2036



39.6116, 46.6129, 44.2015



9.5933, 9.5616, 10.2474



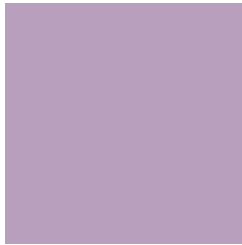
14.3106, 7.3554, 1.6635



0.5810, 0.2963, 0.1730

Previews

White Background



This preview shows how the XYZ color 41.3506, 38.6607, 53.4270 looks on a white background.

Color Contrast Check

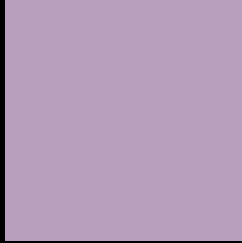
Large Text (above 18pt) WCAG AA × Fail

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 41.3506, 38.6607, 53.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

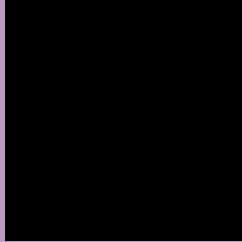
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3506, 38.6607, 53.4270

Background



This preview shows how black text looks on a background with the XYZ color 41.3506, 38.6607, 53.4270.



This preview shows how white text looks on a background with the XYZ color 41.3506, 38.6607,

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

41.3506, 38.6607, 53.4270

Protanopia

38.1621, 38.8041, 55.9307

Deuteranopia

39.6299, 38.8239, 52.9820



Tritanopia

39.8517, 38.8417, 45.4412

Trichromacy



Original Color

41.3506, 38.6607, 53.4270

Protanomaly

39.1892, 38.5462, 55.2438

Deuteranomaly

40.3575, 38.9365, 52.9654

Tritanomaly

40.4100, 38.8117, 48.0094

Monochromacy



Original Color

41.3506, 38.6607, 53.4270

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.2512, 39.5607, 47.1622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3506, 38.6607, 53.4270 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(184, 159, 189)` looks like.

```
.text, #text, p{  
    color:rgb(184, 159, 189)  
}
```

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(184, 159, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 159, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.3506, 38.6607, 53.4270 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(184, 159, 189) }
```


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

```
.border{ border-color:rgb(184, 159, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 159, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 159, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 159, 189);  
box-shadow:4px 4px 4px 4px rgb(184, 159,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3506, 38.6607, 53.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 159, 189) }
```

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

```
.background{ background-color: rgb(184,  
159, 189) }
```

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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