

Converting Colors

XYZ(41.7638, 39.1300, 53.4813)

Have a look what the booklet for
XYZ(41.7638, 39.1300, 53.4813)
contains.

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Color

**XYZ(41.7637, 39.1300,
53.4958)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A0BD
RGB	185, 160, 189
RGB Percent	73%, 63%, 74%
CMY	0.2745, 0.3725, 0.2588
CMYK	0.02, 0.15, 0.00, 0.26
HSL	292°, 18%, 68%
HSV	292°, 15%, 74%
XYZ	41.7637, 39.1300, 53.4958
YIQ	170.7810, 5.5910, 14.3190

Conversions

Conversions Part 2

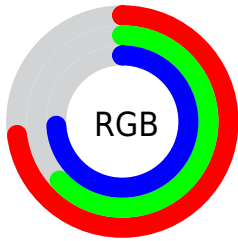
Format	Color
RYB	185, 160, 189
Decimal	12165309
CIELab	68.85, 14.41, -11.53
CIELCh	69, 18.455, 321.334
Yxy	39.1300, 0.3108, 0.2912
Android (android.graphics.Color)	4290355389 (0xFFB9A0BD)
YUV	170.7810, 8.9820, 12.4701
Hunter-Lab	62.5540, 9.7047, -6.9167

Details

The XYZ color **41.7637, 39.1300, 53.4958** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.8540, 46.8268, 40.1976**, and the grayscale version is **38.5542, 40.5620, 44.1721**.

A 20% lighter version of the original color is **77.0575, 73.8942, 96.5878**, and **19.3222, 17.4082, 25.6343** is the 20% darker color. If you saturate the color by 10%, you get **38.1103, 32.7478, 52.4570**, and if you desaturate by 10%, it is **45.9290, 46.5177, 54.7028**.

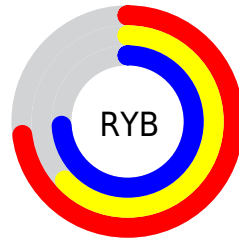
Distribution



Red (73%)

Green (63%)

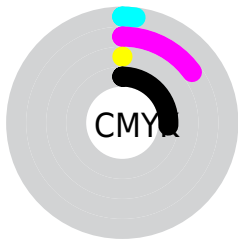
Blue (74%)



Red (73%)

Yellow (63%)

Blue (74%)

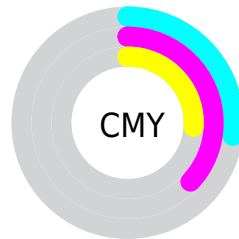


Cyan (2%)

Magenta (15%)

Yellow (0%)

Black (26%)



Cyan (27%)

Magenta (37%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7637, 39.1300, 53.4958 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 41.7637, 39.1300, 53.4958 by changing the saturation by 10% instead.

■ 41.7637, 39.1300,
53.4958

■ 41.7637, 39.1300,
53.4958

344.5108,
342.4429, 417.3045

■ 29.1066, 26.8609,
37.8083

■ 77.1093, 73.8369,
96.7825

■ 19.3062, 17.4688,
25.5332

■ 100.5285, 97.0434,
125.2187

■ 11.9970, 10.5693,
16.2522

128.2658,
124.6645, 158.7416

■ 6.8138, 5.7780,
9.5465

160.6865,
157.0847, 197.7696

■ 3.3912, 2.7106,
4.9977

198.1560,
194.6881, 242.7214

■ 1.3639, 0.9826,
2.1872

241.0396,

■ 0.2303, 0.0000,

237.8594, 294.0155

0.6670

289.7028,
286.9829, 352.0703

■ 0.0000, 0.0000,
0.0000

■ 41.7637, 39.1300,
53.4958

■ 41.7637, 39.1300,
53.4958

■ 38.1103, 32.7478,
52.4570

■ 45.9290, 46.5177,
54.7028

■ 34.9430, 27.3212,
51.5765

■ 50.6239, 54.9479,
56.0826

■ 32.2385, 22.8035,
50.8471

■ 55.8692, 64.4618,
57.6425

■ 29.9708, 19.1424,
50.2599

■ 61.6839, 75.0970,
59.3888

■ 28.1107, 16.2797,
49.8054

■ 68.0859, 86.8893,
61.3275

■ 26.6256, 14.1505,
49.4727

■ 68.9370, 87.5623,
61.4126

■ 25.4778, 12.6792,
49.2492

■ 69.6423, 87.9259,
61.4456

■ 24.6209, 11.7733,
49.1195

■ 70.3594, 88.2956,
61.4791

■ 24.2756, 11.4534,
49.0760

■ 71.0886, 88.6715,
61.5133

Harmonies

Analogous

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



39.2781, 39.1300, 59.4606



41.7637, 39.1300, 53.4958



43.0404, 39.1300, 45.0822

Triad

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



41.7637, 39.1300, 53.4958



38.0468, 39.1300, 28.5701



32.1898, 39.1300, 48.7457

Complementary

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



41.7637, 39.1300, 53.4958



39.8540, 46.8268, 40.1976

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.



31.8987, 39.1300, 40.2221



41.7637, 39.1300, 53.4958



35.1809, 39.1300, 29.2814

Square

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



41.7637, 39.1300, 53.4958



40.8218, 39.1300, 31.2147



32.9665, 39.1300, 33.3043



33.7838, 39.1300, 56.4776

Rectangle

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



41.7637, 39.1300, 53.4958



42.9903, 39.1300, 39.5148



32.9665, 39.1300, 33.3043



31.9398, 39.1300, 45.8542

Sweetspot

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



41.7649, 39.1317, 53.4966



82.4661, 83.6839, 98.0324



37.0223, 37.8259, 53.4946



17.6143, 17.7823, 21.0465



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.



41.7649, 39.1317, 53.4966



72.7789, 66.5330, 95.2325



41.6798, 39.2107, 47.9411



9.7971, 9.6278, 12.0142



16.3811, 7.7308, 33.0217



0.6778, 0.3215, 1.2952

Inverse Universe

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



40.2592, 38.6425, 40.4606



69.6513, 65.5227, 67.8884



39.9661, 46.7777, 45.0288



9.5823, 9.5572, 10.1896



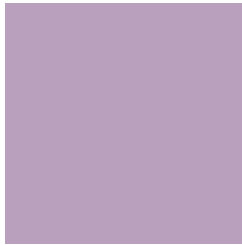
14.2632, 7.3364, 1.4137



0.5762, 0.2944, 0.1477

Previews

White Background



This preview shows how the XYZ color 41.7637, 39.1300, 53.4958 looks on a white background.

Color Contrast Check

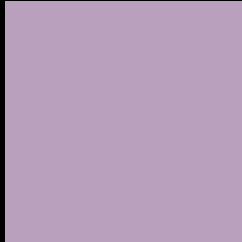
Large Text (above 18pt) WCAG AA × Fail

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 41.7637, 39.1300, 53.4958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

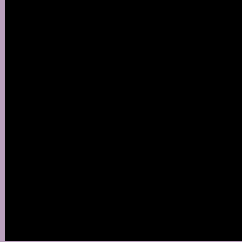
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7637, 39.1300, 53.4958

Background



This preview shows how black text looks on a background with the XYZ color 41.7637, 39.1300, 53.4958.



This preview shows how white text looks on a background with the XYZ color 41.7637, 39.1300,

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

41.7637, 39.1300, 53.4958

Protanopia

38.5486, 39.2742, 56.0010

Deuteranopia

40.0318, 39.2957, 53.0519



Tritanopia

40.1866, 39.0031, 45.9677

Trichromacy



Original Color

41.7637, 39.1300, 53.4958

Protanomaly

39.5845, 39.0146, 55.3134

Deuteranomaly

40.7647, 39.4089, 53.0351

Tritanomaly

40.7503, 38.9754, 48.5552

Monochromacy



Original Color

41.7637, 39.1300, 53.4958

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.7591, 40.0819, 47.7605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7637, 39.1300, 53.4958 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(185, 160, 189)` looks like.

```
.text, #text, p{  
    color:rgb(185, 160, 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(185, 160, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 160, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.7637, 39.1300, 53.4958 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(185, 160, 189) }
```


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

```
.border{ border-color:rgb(185, 160, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 160, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 160, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 160, 189);  
box-shadow:4px 4px 4px 4px rgb(185, 160,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7637, 39.1300, 53.4958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 160, 189) }
```

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

```
.background{ background-color: rgb(185,  
160, 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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