

Converting Colors

XYZ(41.5976, 37.1209, 58.3507)

Have a look what the booklet for
XYZ(41.5976, 37.1209, 58.3507)
contains.

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Color

**XYZ(41.5919, 37.1740,
58.4092)**

Conversions

Conversions Part 1

Format	Color
Hex	B999C6
RGB	185, 153, 198
RGB Percent	73%, 60%, 78%
CMY	0.2745, 0.4000, 0.2235
CMYK	0.07, 0.23, 0.00, 0.22
HSL	283°, 28%, 69%
HSV	283°, 23%, 78%
XYZ	41.5919, 37.1740, 58.4092
YIQ	167.6980, 4.6270, 20.7790

Conversions

Conversions Part 2

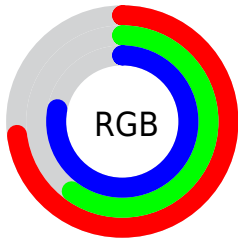
Format	Color
R_{YB}	185, 153, 198
Decimal	12163526
CIE _{Lab}	67.41, 20.09, -18.70
CIE _{LCh}	67, 27.444, 317.046
Yxy	37.1740, 0.3032, 0.2710
Android (android.graphics.Color)	4290353606 (0xFFB999C6)
YUV	167.6980, 14.9389, 15.1739
Hunter-Lab	60.9705, 15.0680, -14.1200

Details

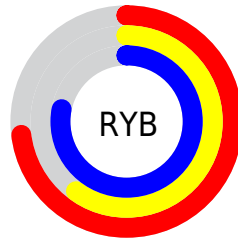
The XYZ color **41.5919, 37.1740, 58.4092** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.6710, 50.7959, 37.7471**, and the grayscale version is **37.0000, 38.9269, 42.3914**.

A 20% lighter version of the original color is **76.8815, 71.0325, 104.2663**, and **19.3011, 16.4219, 28.5380** is the 20% darker color. If you saturate the color by 10%, you get **37.2642, 30.5256, 57.3546**, and if you desaturate by 10%, it is **46.5152, 44.9297, 59.6473**.

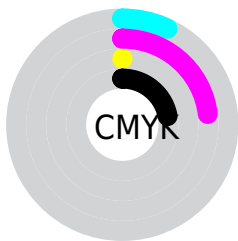
Distribution



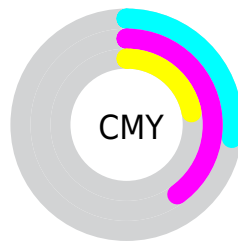
- Red (73%)
- Green (60%)
- Blue (78%)



- Red (73%)
- Yellow (60%)
- Blue (78%)



- Cyan (7%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)





- Cyan (27%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5919, 37.1740, 58.4092 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 41.5919, 37.1740, 58.4092 by changing the saturation by 10% instead.


 41.5919, 37.1740,
58.4092


 41.5919, 37.1740,
58.4092


343.8089,
334.0632, 436.3497

 28.9716, 25.3422,
41.7208


 76.8507, 70.8403,
104.0392

 19.2035, 16.3322,
28.5588


 100.2198, 93.4437,
133.8178

 11.9223, 9.7595,
18.5046


127.9026,
120.4063, 168.7970

 6.7626, 5.2398,
11.1397

160.2644,
152.1127, 209.3953

 3.3591, 2.3887,
6.0455

197.6706,
188.9472, 256.0312

 1.3464, 0.8200,
2.8036

240.4865,

 0.2175, 0.0000,

231.2942, 309.1232

0.9952

289.0775,
279.5381, 369.0898

■ 0.0000, 0.0000,
0.0000

■ 41.5919, 37.1740,
58.4092

■ 41.5919, 37.1740,
58.4092

■ 37.2642, 30.5256,
57.3546

■ 46.5152, 44.9297,
59.6473

■ 33.5015, 24.9263,
56.4721

■ 52.0558, 53.8376,
61.0747

■ 30.2754, 20.3198,
55.7530

■ 58.2388, 63.9458,
62.6999

■ 27.5538, 16.6428,
55.1867

■ 65.0866, 75.2985,
64.5302

■ 25.3006, 13.8240,
54.7614

■ 72.6205, 87.9373,
66.5727

■ 23.4745, 11.7819,
54.4635

■ 75.2636, 90.7073,
66.9681

■ 22.0259, 10.4185,
54.2767

■ 77.0176, 91.6116,
67.0501

■ 21.1437, 9.7225,
54.1888

■ 78.8314, 92.5466,
67.1350

■ 80.7056, 93.5128,
67.2227

Harmonies

Analogous

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



37.7581, 37.1740, 66.9197



41.5919, 37.1740, 58.4092



43.8194, 37.1740, 45.8964

Triad

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



41.5919, 37.1740, 58.4092



37.1779, 37.1740, 21.8324



28.1476, 37.1740, 47.6561

Complementary

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



41.5919, 37.1740, 58.4092



41.6710, 50.7959, 37.7471

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.



28.0193, 37.1740, 35.5004



41.5919, 37.1740, 58.4092



33.0136, 37.1740, 22.1174

Square

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



41.5919, 37.1740, 58.4092



41.1382, 37.1740, 25.7744



29.7354, 37.1740, 26.6500



30.1010, 37.1740, 59.9159

Rectangle

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



41.5919, 37.1740, 58.4092



43.9868, 37.1740, 37.6997



29.7354, 37.1740, 26.6500



27.8954, 37.1740, 43.3857

Sweetspot

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



41.5931, 37.1756, 58.4100



87.7458, 88.1703, 107.0016



37.0587, 38.3057, 58.8671



18.6521, 18.6644, 22.8695



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.5931, 37.1756, 58.4100



69.9378, 60.0819, 102.5186



43.8663, 38.4639, 53.2572



10.7731, 10.6568, 13.4067



13.8383, 6.3682, 35.2442



0.7244, 0.3372, 1.6720

Inverse Universe

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



41.5641, 37.5430, 41.1338



69.9760, 60.8992, 66.4847



39.8538, 49.7700, 41.6901



10.7578, 10.6865, 11.7078



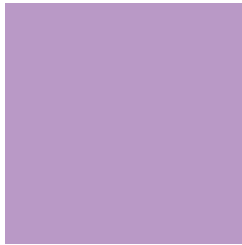
15.6613, 8.0141, 3.4263



0.7736, 0.3923, 0.3311

Previews

White Background



This preview shows how the XYZ color 41.5919, 37.1740, 58.4092 looks on a white background.

Color Contrast Check

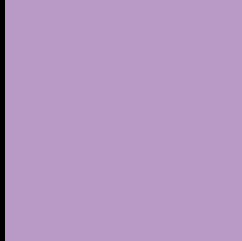
Large Text (above 18pt) WCAG AA × Fail

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 41.5919, 37.1740, 58.4092 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 41.5919, 37.1740, 58.4092

Background



This preview shows how black text looks on a background with the XYZ color 41.5919, 37.1740, 58.4092.



This preview shows how white text looks on a background with the XYZ color 41.5919, 37.1740,

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

41.5919, 37.1740, 58.4092

Protanopia

37.4431, 37.4722, 63.0170

Deuteranopia

38.1328, 37.4135, 58.0350



Tritanopia

38.5386, 37.1798, 43.1754

Trichromacy



Original Color

41.5919, 37.1740, 58.4092

Protanomaly

38.5759, 37.0599, 60.9972

Deuteranomaly

39.3182, 37.2556, 57.9421

Tritanomaly

39.4181, 37.0173, 48.2475

Monochromacy



Original Color

41.5919, 37.1740, 58.4092

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.6894, 38.4477, 48.0298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5919, 37.1740, 58.4092 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, 153, 198)` looks like.

```
.text, #text, p{  
    color:rgb(185, 153, 198)  
}
```

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, 153, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 153, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.5919, 37.1740, 58.4092 is called "border". The border property can be set on classes, ids or directly on the HTML element.

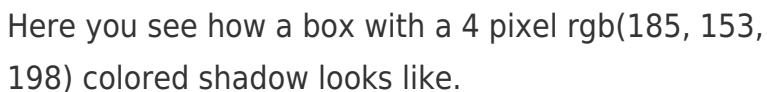
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 153, 198) }
```


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

```
.border{ border-color:rgb(185, 153, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 153, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 153, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 153, 198); box-shadow:4px 4px 4px 4px rgb(185, 153, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5919, 37.1740, 58.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 153, 198) }
```

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

```
.background{ background-color: rgb(185,  
153, 198) }
```

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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