

Converting Colors

XYZ(41.2902, 35.9741, 51.7676)

Have a look what the booklet for
XYZ(41.2902, 35.9741, 51.7676)
contains.

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Color

**XYZ(41.2978, 35.9741,
51.7808)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C094BB |
| RGB | 192, 148, 187 |
| RGB Percent | 75%, 58%, 73% |
| CMY | 0.2471, 0.4196, 0.2667 |
| CMYK | 0.00, 0.23, 0.03, 0.25 |
| HSL | 307°, 26%, 67% |
| HSV | 307°, 23%, 75% |
| XYZ | 41.2978, 35.9741, 51.7808 |
| YIQ | 165.6020, 13.7050, 21.4570 |

Conversions

Conversions Part 2

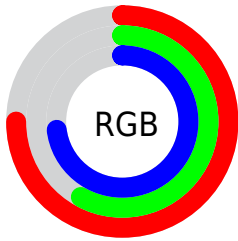
| Format | Color |
|-------------------------------------|--|
| RYB | 192, 148, 187 |
| Decimal | 12620987 |
| CIELab | 66.50, 23.10, -13.87 |
| CIELCh | 67, 26.943, 329.019 |
| Yxy | 35.9741, 0.3200, 0.2788 |
| Android (android.graphics.Color) | 4290811067 (0xFFC094BB) |
| YUV | 165.6020, 10.5492, 23.1510 |
| Hunter-Lab | 59.9784, 17.9430, -9.2016 |

Details

The XYZ color **41.2978, 35.9741, 51.7808** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.8136, 46.2962, 37.1348**, and the grayscale version is **36.0005, 37.8754, 41.2463**.

A 20% lighter version of the original color is **76.3651, 68.8519, 94.0589**, and **19.0590, 15.6739, 24.5751** is the 20% darker color. If you saturate the color by 10%, you get **38.3009, 30.3507, 49.6383**, and if you desaturate by 10%, it is **44.8000, 42.6011, 54.1100**.

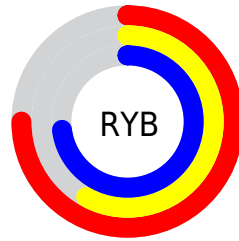
Distribution



Red (75%)

Green (58%)

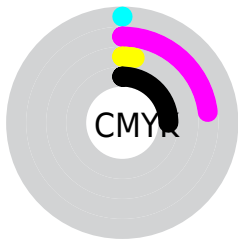
Blue (73%)



Red (75%)

Yellow (58%)

Blue (73%)

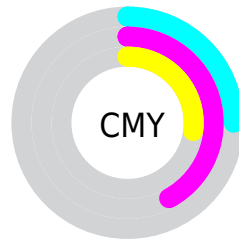


Cyan (0%)

Magenta (23%)

Yellow (3%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2978, 35.9741, 51.7808 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 41.2978, 35.9741, 51.7808 by changing the saturation by 10% instead.


 41.2978, 35.9741,
51.7808


 41.2978, 35.9741,
51.7808

342.6051,
328.8473, 410.5226

 28.7406, 24.4142,
36.4493


 76.4076, 68.9921,
94.2312

 19.0279, 15.6412,
24.4890


 99.6909, 91.2190,
122.1872

 11.7946, 9.2706,
15.4812


127.2802,
117.7703, 155.1884

 6.6752, 4.9181,
9.0074

159.5410,
149.0304, 193.6535

 3.3043, 2.1993,
4.6492

196.8385,
185.3838, 238.0009

 1.3167, 0.7196,
1.9878

239.5381,

 0.1956, 0.0000,

227.2148, 288.6492

0.5478

288.0052,
274.9079, 346.0169

■ 0.0000, 0.0000,
0.0000

■ 41.2978, 35.9741,
51.7808

■ 41.2978, 35.9741,
51.7808

■ 38.3009, 30.3507,
49.6383

■ 44.8000, 42.6011,
54.1100

■ 35.7813, 25.6770,
47.6720

■ 48.8271, 50.2728,
56.6314

■ 33.7135, 21.9011,
45.8736

■ 53.4017, 59.0339,
59.3530

■ 32.0681, 18.9644,
44.2333

■ 58.5441, 68.9248,
62.2815

■ 30.8121, 16.8011,
42.7401

■ 64.2736, 79.9841,
65.4236

■ 29.9080, 15.3359,
41.3812

■ 67.9349, 86.9012,
67.8942

■ 29.3104, 14.4782,
40.1416

■ 68.1920, 87.0040,
69.2480

■ 29.0113, 14.1157,
39.3150

■ 68.4527, 87.1083,
70.6210

■ 68.7171, 87.2141,
72.0134

Harmonies

Analogous

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



38.1028, 35.9741, 62.0359



41.2978, 35.9741, 51.7808



42.5668, 35.9741, 39.5519

Triad

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



41.2978, 35.9741, 51.7808



34.3255, 35.9741, 20.8633



27.8363, 35.9741, 50.9899

Complementary

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



41.2978, 35.9741, 51.7808



36.8136, 46.2962, 37.1348

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.



26.9952, 35.9741, 38.7899



41.2978, 35.9741, 51.7808



30.5589, 35.9741, 22.7515

Square

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



41.2978, 35.9741, 51.7808



38.3510, 35.9741, 23.0178



27.9525, 35.9741, 28.7929



30.3456, 35.9741, 61.5196

Rectangle

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



41.2978, 35.9741, 51.7808



42.0790, 35.9741, 32.3545



27.9525, 35.9741, 28.7929



27.3583, 35.9741, 46.8804

Sweetspot

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



41.2989, 35.9757, 51.7816



85.2894, 85.0200, 100.6505



33.1298, 31.7014, 54.2428



18.2020, 18.0577, 21.5333



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.



41.2989, 35.9757, 51.7816



72.2659, 60.3613, 92.0289



39.1757, 35.1264, 40.6011



10.4464, 10.2272, 12.4413



19.5395, 9.5055, 26.5505



0.8585, 0.4164, 1.2225

Inverse Universe

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



41.2989, 35.9757, 51.7816



72.2659, 60.3613, 92.0289



38.7427, 47.0679, 47.2935



10.4464, 10.2272, 12.4413



19.5395, 9.5055, 26.5505



0.8585, 0.4164, 1.2225

Previews

White Background



This preview shows how the XYZ color 41.2978, 35.9741, 51.7808 looks on a white background.

Color Contrast Check

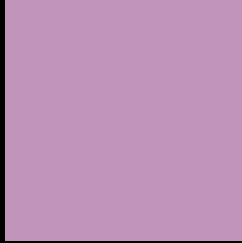
Large Text (above 18pt) WCAG AA × Fail

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 41.2978, 35.9741, 51.7808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

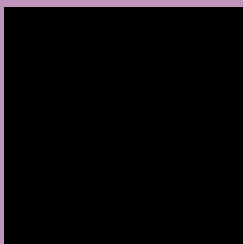
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2978, 35.9741, 51.7808

Background



This preview shows how black text looks on a background with the XYZ color 41.2978, 35.9741, 51.7808.



This preview shows how white text looks on a background with the XYZ color 41.2978, 35.9741,

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

41.2978, 35.9741, 51.7808

Protanopia

35.7476, 35.9518, 56.6850

Deuteranopia

36.9202, 36.1720, 50.9349



Tritanopia

38.9153, 35.9556, 40.0110

Trichromacy



Original Color

41.2978, 35.9741, 51.7808

Protanomaly

37.5513, 35.9075, 54.8208

Deuteranomaly

38.3230, 35.8865, 51.3613

Tritanomaly

39.7482, 36.0589, 43.8948

Monochromacy



Original Color

41.2978, 35.9741, 51.7808

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.7173, 36.9662, 45.1917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2978, 35.9741, 51.7808 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(192, 148, 187)` looks like.

```
.text, #text, p{  
    color:rgb(192, 148, 187)  
}
```

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(192, 148, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 148, 187) }
```

Border

The CSS property to change the border of an element to XYZ 41.2978, 35.9741, 51.7808 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(192, 148, 187) }
```


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

```
.border{ border-color:rgb(192, 148, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 148, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 148, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 148, 187);  
box-shadow:4px 4px 4px 4px rgb(192, 148,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2978, 35.9741, 51.7808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 148, 187) }
```

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

```
.background{ background-color: rgb(192,  
148, 187) }
```

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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