

Converting Colors

XYZ(41.3844, 37.5832, 46.1474)

Have a look what the booklet for
XYZ(41.3844, 37.5832, 46.1474)
contains.

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Color

**XYZ(41.3844, 37.5832,
46.1474)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C19AB0 |
| RGB | 193, 154, 176 |
| RGB Percent | 76%, 60%, 69% |
| CMY | 0.2431, 0.3961, 0.3098 |
| CMYK | 0.00, 0.20, 0.09, 0.24 |
| HSL | 326°, 24%, 68% |
| HSV | 326°, 20%, 76% |
| XYZ | 41.3844, 37.5832, 46.1474 |
| YIQ | 168.1690, 16.1820, 15.1100 |

Conversions

Conversions Part 2

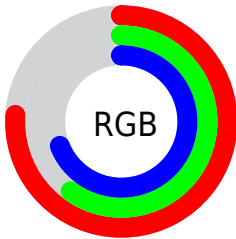
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 193, 154, 176 |
| Decimal | 12688048 |
| CIE _{Lab} | 67.71, 18.14, -5.90 |
| CIE _{LCh} | 68, 19.075, 341.984 |
| Yxy | 37.5832, 0.3308, 0.3004 |
| Android (android.graphics.Color) | 4290878128 (0xFFC19AB0) |
| YUV | 168.1690, 3.8607, 21.7768 |
| Hunter-Lab | 61.3051, 13.2135, -1.7169 |

Details

The XYZ color **41.3844, 37.5832, 46.1474** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7486, 47.9513, 45.6908**, and the grayscale version is **37.2794, 39.2208, 42.7114**.

A 20% lighter version of the original color is **76.7903, 71.7511, 86.1460**, and **19.1358, 16.6447, 21.2730** is the 20% darker color. If you saturate the color by 10%, you get **37.6449, 31.3949, 40.9203**, and if you desaturate by 10%, it is **45.6899, 44.8198, 51.8186**.

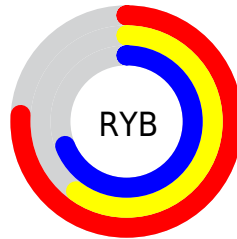
Distribution



Red (76%)

Green (60%)

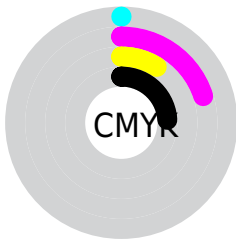
Blue (69%)



Red (76%)

Yellow (60%)

Blue (69%)

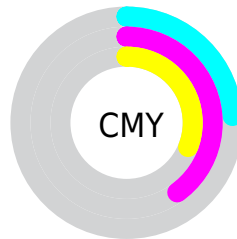


Cyan (0%)

Magenta (20%)

Yellow (9%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3844, 37.5832, 46.1474 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 41.3844, 37.5832, 46.1474 by changing the saturation by 10% instead.


 41.3844, 37.5832,
46.1474


 41.3844, 37.5832,
46.1474

342.9599,
335.8286, 387.6957

 28.8086, 25.6594,
32.0126


 76.5381, 71.4688,
85.7762

 19.0796, 16.5690,
21.1063


 99.8467, 94.1994,
112.1072

 11.8322, 9.9277,
13.0097


127.4636,
121.3011, 143.3409

 6.7009, 5.3510,
7.3044

159.7541,
153.1581, 179.8955

 3.3204, 2.4547,
3.5719

197.0836,
190.1550, 222.1898

 1.3254, 0.8538,
1.3935

239.8176,

 0.2021, 0.0000,

232.6761, 270.6423

0.1367

288.3212,
281.1059, 325.6714

■ 0.0000, 0.0000,
0.0000

■ 41.3844, 37.5832,
46.1474

■ 41.3844, 37.5832,
46.1474

■ 37.6449, 31.3949,
40.9203

■ 45.6899, 44.8198,
51.8186

■ 34.4426, 26.2007,
36.1220

■ 50.5817, 53.1455,
57.9438

■ 31.7514, 21.9489,
31.7393

■ 56.0833, 62.6054,
64.5357

■ 29.5413, 18.5814,
27.7574

■ 62.2158, 73.2401,
71.6055

■ 27.7792, 16.0333,
24.1604

■ 68.9992, 85.0886,
79.1641

■ 26.4272, 14.2309,
20.9305

■ 71.5464, 88.3751,
85.5864

■ 25.4410, 13.0869,
18.0474

■ 72.7330, 88.8498,
91.8349

■ 24.7457, 12.4388,
15.5267

■ 73.9771, 89.3474,
98.3862

■ 75.2795, 89.8683,
105.2444

Harmonies

Analogous

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



39.6468, 37.5832, 54.2052



41.3844, 37.5832, 46.1474



41.5548, 37.5832, 37.6444

Triad

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



41.3844, 37.5832, 46.1474



34.5582, 37.5832, 27.0143



31.6740, 37.5832, 52.7624

Complementary

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



41.3844, 37.5832, 46.1474



39.7486, 47.9513, 45.6908

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.



30.4617, 37.5832, 44.3839



41.3844, 37.5832, 46.1474



32.0646, 37.5832, 30.0077

Square

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



41.3844, 37.5832, 46.1474



37.5026, 37.5832, 27.3507



30.6007, 37.5832, 36.1062



33.9981, 37.5832, 58.3709

Rectangle

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



41.3844, 37.5832, 46.1474



40.7454, 37.5832, 32.9154



30.6007, 37.5832, 36.1062



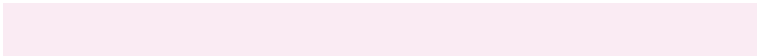
31.1289, 37.5832, 50.1312

Sweetspot

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



41.3855, 37.5849, 46.1482



85.3026, 86.1614, 97.2171



37.9555, 35.6100, 55.3256



18.1786, 18.2778, 20.7031



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.



41.3855, 37.5849, 46.1482



71.2068, 62.4680, 78.6510



39.6010, 36.8711, 36.7510



10.3058, 10.1709, 11.7008



16.4993, 8.2895, 10.5416



0.7470, 0.3718, 0.6351

Inverse Universe

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



41.3855, 37.5849, 46.1482



71.2068, 62.4680, 78.6510



41.7357, 48.7461, 56.1547



10.3058, 10.1709, 11.7008



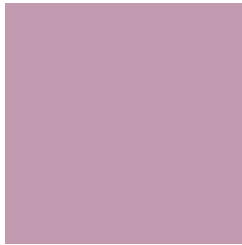
16.4993, 8.2895, 10.5416



0.7470, 0.3718, 0.6351

Previews

White Background



This preview shows how the XYZ color 41.3844, 37.5832, 46.1474 looks on a white background.

Color Contrast Check

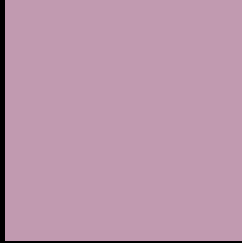
Large Text (above 18pt) WCAG AA × Fail

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 41.3844, 37.5832, 46.1474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

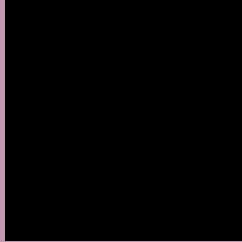
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3844, 37.5832, 46.1474

Background



This preview shows how black text looks on a background with the XYZ color 41.3844, 37.5832, 46.1474.



This preview shows how white text looks on a background with the XYZ color 41.3844, 37.5832,

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

41.3844, 37.5832, 46.1474

Protanopia

36.8232, 37.7148, 49.5949

Deuteranopia

38.4401, 37.5839, 45.7858



Tritanopia

40.5275, 37.4763, 42.1434

Trichromacy



Original Color

41.3844, 37.5832, 46.1474

Protanomaly

38.2646, 37.4356, 48.3890

Deuteranomaly

39.4932, 37.6161, 45.7366

Tritanomaly

40.8103, 37.5894, 43.6326

Monochromacy



Original Color

41.3844, 37.5832, 46.1474

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.5793, 38.4818, 43.9225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3844, 37.5832, 46.1474 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(193, 154, 176)` looks like.

```
.text, #text, p{  
    color:rgb(193, 154, 176)  
}
```

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(193, 154, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 154, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.3844, 37.5832, 46.1474 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(193, 154, 176) }
```


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

```
.border{ border-color:rgb(193, 154, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 154, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 154, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 154, 176);  
box-shadow:4px 4px 4px 4px rgb(193, 154,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3844, 37.5832, 46.1474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 154, 176) }
```

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

```
.background{ background-color: rgb(193,  
154, 176) }
```

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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