

Converting Colors

XYZ(42.5164, 37.9228, 46.1533)

Have a look what the booklet for
XYZ(42.5164, 37.9228, 46.1533)
contains.

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Color

**XYZ(42.5164, 37.9228,
46.1533)**

Conversions

Conversions Part 1

Format	Color
Hex	C699B0
RGB	198, 153, 176
RGB Percent	78%, 60%, 69%
CMY	0.2235, 0.4000, 0.3098
CMYK	0.00, 0.23, 0.11, 0.22
HSL	329°, 28%, 69%
HSV	329°, 23%, 78%
XYZ	42.5164, 37.9228, 46.1533
YIQ	169.0770, 19.4370, 16.6930

Conversions

Conversions Part 2

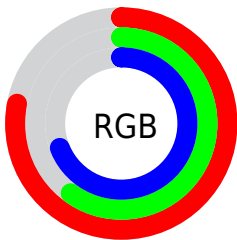
Format	Color
RYB	198, 153, 176
Decimal	13015472
CIELab	67.96, 20.48, -5.47
CIELCh	68, 21.199, 345.040
Yxy	37.9228, 0.3359, 0.2996
Android (android.graphics.Color)	4291205552 (0xFFC699B0)
YUV	169.0770, 3.4130, 25.3655
Hunter-Lab	61.5815, 15.4704, -1.3289

Details

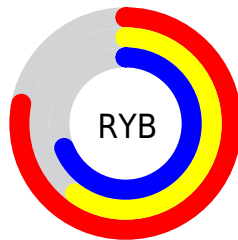
The XYZ color **42.5164, 37.9228, 46.1533** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0703, 50.2566, 48.0956**, and the grayscale version is **37.7280, 39.6928, 43.2254**.

A 20% lighter version of the original color is **78.3614, 72.1979, 86.1494**, and **19.8911, 16.8873, 21.2800** is the 20% darker color. If you saturate the color by 10%, you get **38.6169, 31.6020, 40.2951**, and if you desaturate by 10%, it is **47.0242, 45.3498, 52.5522**.

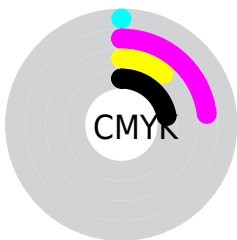
Distribution



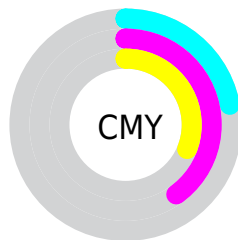
- Red (78%)
- Green (60%)
- Blue (69%)



- Red (78%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (11%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5164, 37.9228, 46.1533 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 42.5164, 37.9228, 46.1533 by changing the saturation by 10% instead.


 42.5164, 37.9228,
46.1533


 42.5164, 37.9228,
46.1533


347.5745,
337.2887, 387.7201

 29.6987, 25.9228,
32.0173


 78.2409, 71.9898,
85.7851

 19.7570, 16.7659,
21.1098


 101.8783, 94.8256,
112.1179

 12.3257, 10.0677,
13.0122


129.8532,
122.0420, 143.3534

 7.0397, 5.4439,
7.3061

162.5307,
154.0236, 179.9101

 3.5335, 2.5100,
3.5730

200.2762,
191.1546, 222.2066

 1.4418, 0.8816,
1.3941

243.4551,

 0.2857, 0.0000,

233.8196, 270.6614

0.1371

292.4327,
282.4028, 325.6931

■ 0.0000, 0.0000,
0.0000

■ 42.5164, 37.9228,
46.1533

■ 42.5164, 37.9228,
46.1533

■ 38.6169, 31.6020,
40.2951

■ 47.0242, 45.3498,
52.5522

■ 35.2943, 26.3286,
34.9589

■ 52.1630, 53.9279,
59.5048

■ 32.5198, 22.0464,
30.1282

■ 57.9584, 63.7054,
67.0267

■ 30.2600, 18.6915,
25.7846

■ 64.4336, 74.7267,
75.1319

■ 28.4781, 16.1925,
21.9079

■ 71.6105, 87.0337,
83.8341

■ 27.1319, 14.4677,
18.4761

■ 73.9125, 89.4713,
91.2805

■ 26.1708, 13.4187,
15.4639

■ 75.3426, 90.0433,
98.8112

■ 25.6474, 12.9493,
13.5093

■ 76.8499, 90.6463,
106.7485

■ 77.0989, 90.7459,
108.0599

Harmonies

Analogous

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



40.7146, 37.9228, 55.4811



42.5164, 37.9228, 46.1533



42.5138, 37.9228, 36.7610

Triad

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



42.5164, 37.9228, 46.1533



34.4258, 37.9228, 26.1340



31.7516, 37.9228, 55.5029

Complementary

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



42.5164, 37.9228, 46.1533



41.0703, 50.2566, 48.0956

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.



30.2672, 37.9228, 46.1797



42.5164, 37.9228, 46.1533



31.7459, 37.9228, 29.7544

Square

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



42.5164, 37.9228, 46.1533



37.7044, 37.9228, 26.1291



30.2651, 37.9228, 36.7837



34.4341, 37.9228, 61.4123

Rectangle

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



42.5164, 37.9228, 46.1533



41.4829, 37.9228, 31.7278



30.2651, 37.9228, 36.7837



31.1034, 37.9228, 52.6064

Sweetspot

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



42.5175, 37.9245, 46.1541



88.2441, 88.5859, 99.8562



39.2089, 35.9466, 58.2984



18.7681, 18.7610, 21.2115



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.



42.5175, 37.9245, 46.1541



71.9267, 61.6795, 76.7570



40.4932, 37.1148, 35.4944



10.8563, 10.7259, 12.2266



16.7224, 8.4385, 9.0138



0.8283, 0.4142, 0.6191

Inverse Universe

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



42.5175, 37.9245, 46.1541



71.9267, 61.6795, 76.7570



43.4388, 51.2040, 60.5681



10.8563, 10.7259, 12.2266



16.7224, 8.4385, 9.0138



0.8283, 0.4142, 0.6191

Previews

White Background



This preview shows how the XYZ color 42.5164, 37.9228, 46.1533 looks on a white background.

Color Contrast Check

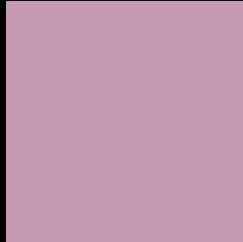
Large Text (above 18pt) WCAG AA × Fail

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 42.5164, 37.9228, 46.1533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

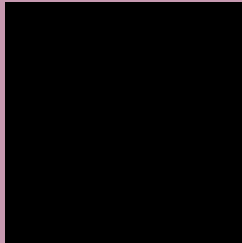
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5164, 37.9228, 46.1533

Background



This preview shows how black text looks on a background with the XYZ color 42.5164, 37.9228, 46.1533.



This preview shows how white text looks on a background with the XYZ color 42.5164, 37.9228,

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

42.5164, 37.9228, 46.1533

Protanopia

37.3122, 38.2217, 50.2107

Deuteranopia

38.8428, 38.0499, 45.8546



Tritanopia

41.7224, 38.1030, 41.7148

Trichromacy



Original Color

42.5164, 37.9228, 46.1533

Protanomaly

38.8876, 38.0151, 48.4681

Deuteranomaly

39.9723, 37.8632, 45.7590

Tritanomaly

41.8373, 37.8838, 43.1375

Monochromacy



Original Color

42.5164, 37.9228, 46.1533

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.3660, 38.8762, 44.4588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5164, 37.9228, 46.1533 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(198, 153, 176)` looks like.

```
.text, #text, p{  
    color:rgb(198, 153, 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(198, 153, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 153, 176) }
```

Border

The CSS property to change the border of an element to XYZ 42.5164, 37.9228, 46.1533 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(198, 153, 176) }
```


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

```
.border{ border-color:rgb(198, 153, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 153, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 153, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 153, 176);  
box-shadow:4px 4px 4px 4px rgb(198, 153,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5164, 37.9228, 46.1533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 153, 176) }
```

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

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