

Converting Colors

XYZ(42.7988, 37.5164, 49.2416)

Have a look what the booklet for
XYZ(42.7988, 37.5164, 49.2416)
contains.

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Color

**XYZ(42.7988, 37.5164,
49.2416)**

Conversions

Conversions Part 1

Format	Color
Hex	C697B6
RGB	198, 151, 182
RGB Percent	78%, 59%, 71%
CMY	0.2235, 0.4078, 0.2863
CMYK	0.00, 0.24, 0.08, 0.22
HSL	320°, 29%, 68%
HSV	320°, 24%, 78%
XYZ	42.7988, 37.5164, 49.2416
YIQ	168.5870, 18.0610, 19.6050

Conversions

Conversions Part 2

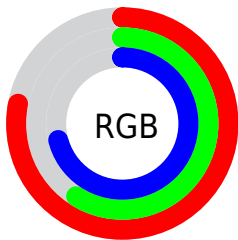
Format	Color
R _Y B	198, 151, 182
Decimal	13014966
CIE Lab	67.66, 22.62, -9.27
CIE LCh	68, 24.448, 337.717
Yxy	37.5164, 0.3303, 0.2896
Android (android.graphics.Color)	4291205046 (0xFFC697B6)
YUV	168.5870, 6.6126, 25.7952
Hunter-Lab	61.2506, 17.5380, -4.7899

Details

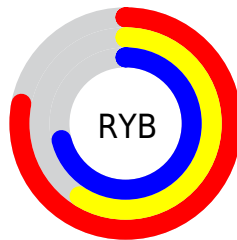
The XYZ color **42.7988, 37.5164, 49.2416** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.9332, 49.7585, 44.0612**, and the grayscale version is **37.4713, 39.4227, 42.9313**.

A 20% lighter version of the original color is **78.7439, 71.5757, 90.5541**, and **20.0212, 16.6286, 22.9233** is the 20% darker color. If you saturate the color by 10%, you get **39.1962, 31.3989, 44.6862**, and if you desaturate by 10%, it is **46.9723, 44.7210, 54.1537**.

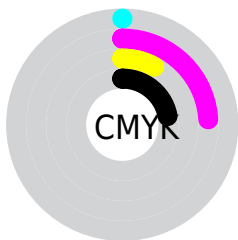
Distribution



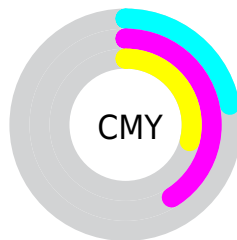
- Red (78%)
- Green (59%)
- Blue (71%)



- Red (78%)
- Yellow (59%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7988, 37.5164, 49.2416 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 42.7988, 37.5164, 49.2416 by changing the saturation by 10% instead.


 42.7988, 37.5164,
49.2416


 42.7988, 37.5164,
49.2416

348.7192,
335.5409, 400.3424

 29.9211, 25.6076,
34.4442


 78.6648, 71.3663,
90.4349

 19.9265, 16.5303,
22.9549

 102.3838, 94.0762,
117.6679

 12.4496, 9.9002,
14.3553


130.4472,
121.1551, 149.8831

 7.1250, 5.3328,
8.2266

163.2205,
152.9877, 187.4992

 3.5874, 2.4438,
4.1504

201.0690,
189.9581, 230.9346

 1.4715, 0.8483,
1.7082

244.3581,

 0.3063, 0.0000,

232.4508, 280.6079

0.3664

293.4530,
280.8503, 336.9377

■ 0.0000, 0.0000,
0.0000

■ 42.7988, 37.5164,
49.2416

■ 42.7988, 37.5164,
49.2416

■ 39.1962, 31.3989,
44.6862

■ 46.9723, 44.7210,
54.1537

■ 36.1340, 26.3098,
40.4736

■ 51.7387, 53.0574,
59.4307

■ 33.5838, 22.1926,
36.5926

■ 57.1229, 62.5742,
65.0835

■ 31.5132, 18.9832,
33.0298

■ 63.1471, 73.3155,
71.1219

■ 29.8859, 16.6098,
29.7708

■ 69.8328, 85.3230,
77.5550

■ 28.6601, 14.9896,
26.7991

■ 72.2937, 88.8238,
82.7561

■ 27.7854, 14.0228,
24.0953

■ 73.2180, 89.1935,
87.6234

■ 27.3580, 13.6335,
22.5173

■ 74.1789, 89.5779,
92.6833

■ 75.1768, 89.9770,
97.9379

Harmonies

Analogous

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



40.2815, 37.5164, 59.5804



42.7988, 37.5164, 49.2416



43.3385, 37.5164, 38.1229

Triad

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



42.7988, 37.5164, 49.2416



34.6932, 37.5164, 23.5301



30.2235, 37.5164, 54.9185

Complementary

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



42.7988, 37.5164, 49.2416



39.9332, 49.7585, 44.0612

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.



28.9435, 37.5164, 43.7021



42.7988, 37.5164, 49.2416



31.4029, 37.5164, 26.5232

Square

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



42.7988, 37.5164, 49.2416



38.4795, 37.5164, 24.4864



29.3596, 37.5164, 33.4686



32.9784, 37.5164, 63.2400

Rectangle

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



42.7988, 37.5164, 49.2416



42.4714, 37.5164, 31.9301



29.3596, 37.5164, 33.4686



29.6156, 37.5164, 51.2909

Sweetspot

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



42.7999, 37.5181, 49.2424



88.6545, 88.7500, 102.0174



37.1273, 34.3916, 58.1080



18.8632, 18.7990, 21.7122



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.



42.7999, 37.5181, 49.2424



72.6778, 61.1271, 83.3414



40.6002, 36.6382, 37.6590



10.9237, 10.7529, 12.5816



17.8328, 8.8827, 14.8612



0.8773, 0.4338, 0.8771

Inverse Universe

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



42.7999, 37.5181, 49.2424



72.6778, 61.1271, 83.3414



42.2703, 50.6934, 56.3686



10.9237, 10.7529, 12.5816



17.8328, 8.8827, 14.8612



0.8773, 0.4338, 0.8771

Previews

White Background



This preview shows how the XYZ color 42.7988, 37.5164, 49.2416 looks on a white background.

Color Contrast Check

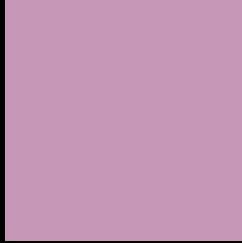
Large Text (above 18pt) WCAG AA × Fail

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 42.7988, 37.5164, 49.2416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

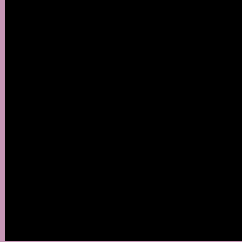
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7988, 37.5164, 49.2416

Background



This preview shows how black text looks on a background with the XYZ color 42.7988, 37.5164, 49.2416.



This preview shows how white text looks on a background with the XYZ color 42.7988, 37.5164,

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

42.7988, 37.5164, 49.2416

Protanopia

37.0669, 37.7422, 54.0465

Deuteranopia

38.2646, 37.4356, 48.3890



Tritanopia

41.2035, 37.6001, 41.1623

Trichromacy



Original Color

42.7988, 37.5164, 49.2416

Protanomaly

38.8233, 37.3828, 52.1831

Deuteranomaly

39.9259, 37.5174, 48.8533

Tritanomaly

41.8636, 37.6313, 44.0868

Monochromacy



Original Color

42.7988, 37.5164, 49.2416

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.3827, 38.6000, 45.4192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7988, 37.5164, 49.2416 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, 151, 182)` looks like.

```
.text, #text, p{  
    color:rgb(198, 151, 182)  
}
```

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, 151, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 151, 182) }
```

Border

The CSS property to change the border of an element to XYZ 42.7988, 37.5164, 49.2416 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, 151, 182) }
```


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

```
.border{ border-color:rgb(198, 151, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 151, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 151, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 151, 182);  
box-shadow:4px 4px 4px 4px rgb(198, 151,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7988, 37.5164, 49.2416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 151, 182) }
```

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

```
.background{ background-color: rgb(198,  
151, 182) }
```

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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