

Converting Colors

XYZ(45.2667, 42.8785, 47.4871)

Have a look what the booklet for
XYZ(45.2667, 42.8785, 47.4871)
contains.

XYZ(45.3077, 42.9539, 47.4979)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.3077, 42.9539,
47.4979)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A7B1
RGB	199, 167, 177
RGB Percent	78%, 65%, 69%
CMY	0.2196, 0.3451, 0.3059
CMYK	0.00, 0.16, 0.11, 0.22
HSL	341°, 22%, 72%
HSV	341°, 16%, 78%
XYZ	45.3077, 42.9539, 47.4979
YIQ	177.7080, 15.8620, 9.8940

Conversions

Conversions Part 2

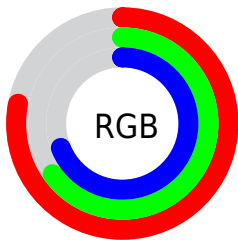
Format	Color
R _Y B	199, 167, 177
Decimal	13084593
CIE Lab	71.52, 13.33, -0.78
CIE LCh	72, 13.350, 356.653
Yxy	42.9539, 0.3337, 0.3164
Android (android.graphics.Color)	4291274673 (0xFFC7A7B1)
YUV	177.7080, -0.3490, 18.6731
Hunter-Lab	65.5392, 8.7046, 2.9085

Details

The XYZ color **45.3077, 42.9539, 47.4979** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5468, 52.7375, 55.9255**, and the grayscale version is **42.1596, 44.3552, 48.3028**.

A 20% lighter version of the original color is **82.0693, 79.3857, 88.0883**, and **21.4459, 19.7364, 21.7480** is the 20% darker color. If you saturate the color by 10%, you get **40.6428, 35.6980, 39.5483**, and if you desaturate by 10%, it is **50.6728, 51.3902, 56.3566**.

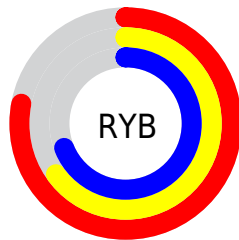
Distribution



Red (78%)

Green (65%)

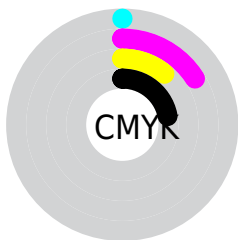
Blue (69%)



Red (78%)

Yellow (65%)

Blue (69%)

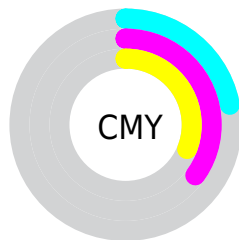


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3077, 42.9539, 47.4979 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 45.3077, 42.9539, 47.4979 by changing the saturation by 10% instead.


 45.3077, 42.9539,
47.4979


 45.3077, 42.9539,
47.4979

358.7811,
358.4221, 393.2496

 31.9022, 29.8489,
33.0723


 82.4162, 79.6413,
87.8141

 21.4420, 19.7240,
21.9102


 106.8498,
103.9925, 114.5418

 13.5617, 12.1946,
13.5933

135.6903,
132.8613, 146.2072

 7.8961, 6.8763,
7.7028

169.3028,
166.6320, 183.2289

 4.0798, 3.3849,
3.8204

208.0528,
205.6890, 226.0255

 1.7474, 1.3358,
1.5273

252.3056,

 0.4857, 0.1687,

250.4168, 275.0154

0.2382

302.4266,
301.1997, 330.6173

■ 0.0000, 0.0000,
0.0000

■ 45.3077, 42.9539,
47.4979

■ 45.3077, 42.9539,
47.4979

■ 40.6428, 35.6980,
39.5483

■ 50.6728, 51.3902,
56.3566

■ 36.6449, 29.5642,
32.4755

■ 56.7621, 61.0507,
66.1500

■ 33.2835, 24.4975,
26.2491

■ 63.6033, 71.9838,
76.9058

■ 30.5240, 20.4361,
20.8359

■ 71.2210, 84.2335,
88.6498

■ 28.3288, 17.3120,
16.2001

■ 75.8583, 90.2802,
100.1467

■ 26.6554, 15.0484,
12.3033

■ 77.3634, 90.8822,
108.0723

■ 25.4552, 13.5562,
9.1031

■ 24.6674, 12.7234,
6.5510

■ 24.4276, 12.4919,
5.7059

Harmonies

Analogous

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



44.5550, 42.9539, 53.9299



45.3077, 42.9539, 47.4979



44.8237, 42.9539, 41.4195

Triad

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



45.3077, 42.9539, 47.4979



38.9129, 42.9539, 36.5300



38.4900, 42.9539, 57.9234

Complementary

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



45.3077, 42.9539, 47.4979



45.5468, 52.7375, 55.9255

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.



37.0741, 42.9539, 52.5614



45.3077, 42.9539, 47.4979



37.3119, 42.9539, 40.2727

Square

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



45.3077, 42.9539, 47.4979



41.0799, 42.9539, 35.4404



36.6508, 42.9539, 46.0486



40.5739, 42.9539, 60.2873

Rectangle

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



45.3077, 42.9539, 47.4979



43.8742, 42.9539, 38.3113



36.6508, 42.9539, 46.0486



37.9231, 42.9539, 56.3891

Sweetspot

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



45.3089, 42.9558, 47.4988



89.7370, 91.5813, 100.3240



45.0822, 42.5648, 59.8730



19.0532, 19.3585, 21.2228



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.



45.3089, 42.9558, 47.4988



76.5868, 70.9251, 78.5407



45.4477, 44.7700, 42.8077



10.7681, 10.6906, 11.7620



15.7425, 8.0466, 3.8539



0.7784, 0.3942, 0.3564

Inverse Universe

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



45.3089, 42.9558, 47.4988



76.5868, 70.9251, 78.5407



45.3461, 50.5391, 61.3983



10.7681, 10.6906, 11.7620



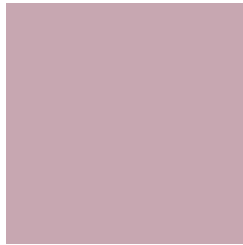
15.7425, 8.0466, 3.8539



0.7784, 0.3942, 0.3564

Previews

White Background



This preview shows how the XYZ color 45.3077, 42.9539, 47.4979 looks on a white background.

Color Contrast Check

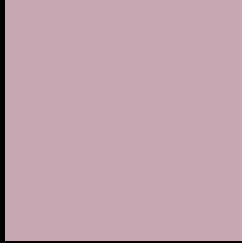
Large Text (above 18pt) WCAG AA × Fail

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 45.3077, 42.9539, 47.4979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

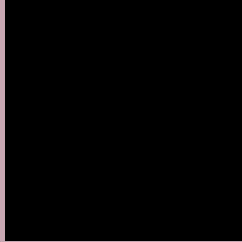
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3077, 42.9539, 47.4979

Background



This preview shows how black text looks on a background with the XYZ color 45.3077, 42.9539, 47.4979.



This preview shows how white text looks on a background with the XYZ color 45.3077, 42.9539,

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

45.3077, 42.9539, 47.4979

Protanopia

41.6080, 42.9554, 49.8143

Deuteranopia

43.9494, 43.0905, 47.0752



Tritanopia

45.6101, 43.0748, 49.0904

Trichromacy



Original Color

45.3077, 42.9539, 47.4979

Protanomaly

42.8087, 42.7354, 49.1725

Deuteranomaly

44.5301, 43.1126, 47.0489

Tritanomaly

45.5086, 43.0342, 48.5557

Monochromacy



Original Color

45.3077, 42.9539, 47.4979

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.4216, 43.9256, 48.3094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3077, 42.9539, 47.4979 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(199, 167, 177)` looks like.

```
.text, #text, p{  
    color:rgb(199, 167, 177)  
}
```

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(199, 167, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 167, 177) }
```

Border

The CSS property to change the border of an element to XYZ 45.3077, 42.9539, 47.4979 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(199, 167, 177) }
```


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

```
.border{ border-color:rgb(199, 167, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 167, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 167, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 167, 177);  
box-shadow:4px 4px 4px 4px rgb(199, 167,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3077, 42.9539, 47.4979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 167, 177) }
```

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

```
.background{ background-color: rgb(199,  
167, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor