

Converting Colors

XYZ(42.9816, 37.6943, 45.8061)

Have a look what the booklet for
XYZ(42.9816, 37.6943, 45.8061)
contains.

XYZ(42.8919, 37.6459, 45.5632)	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(42.8919, 37.6459,
45.5632)**

Conversions

Conversions Part 1

Format	Color
Hex	C997AF
RGB	201, 151, 175
RGB Percent	79%, 59%, 69%
CMY	0.2118, 0.4078, 0.3137
CMYK	0.00, 0.25, 0.13, 0.21
HSL	331°, 32%, 69%
HSV	331°, 25%, 79%
XYZ	42.8919, 37.6459, 45.5632
YIQ	168.6860, 22.0960, 18.0640

Conversions

Conversions Part 2

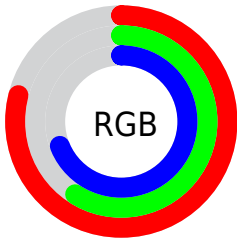
Format	Color
R _Y B	201, 151, 175
Decimal	13211567
CIE Lab	67.76, 22.49, -5.18
CIE LCh	68, 23.075, 347.021
Yxy	37.6459, 0.3401, 0.2985
Android (android.graphics.Color)	4291401647 (0xFFC997AF)
YUV	168.6860, 3.1128, 28.3394
Hunter-Lab	61.3563, 17.4093, -1.0794

Details

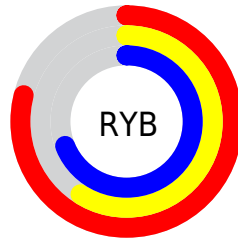
The XYZ color **42.8919, 37.6459, 45.5632** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.5865, 51.5280, 49.3515**, and the grayscale version is **37.5354, 39.4902, 43.0048**.

A 20% lighter version of the original color is **77.7351, 71.1721, 85.2418**, and **19.9864, 16.6554, 20.9003** is the 20% darker color. If you saturate the color by 10%, you get **38.9416, 31.3249, 39.3760**, and if you desaturate by 10%, it is **47.4753, 45.1051, 52.3545**.

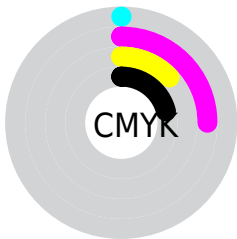
Distribution



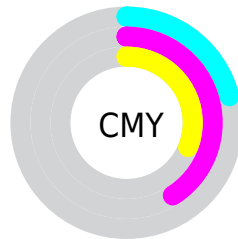
- Red (79%)
- Green (59%)
- Blue (69%)



- Red (79%)
- Yellow (59%)
- Blue (69%)



- Cyan (0%)
- Magenta (25%)
- Yellow (13%)
- Black (21%)





- Cyan (21%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8919, 37.6459, 45.5632 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 42.8919, 37.6459, 45.5632 by changing the saturation by 10% instead.


 42.8919, 37.6459,
45.5632

 42.8919, 37.6459,
45.5632

349.0961,
336.0985, 385.2762

 29.9945, 25.7080,
31.5551


 78.8044, 71.5651,
84.8923

 19.9824, 16.6053,
20.7599

 102.5502, 94.3151,
111.0504

 12.4905, 9.9535,
12.7591


130.6429,
121.4380, 142.0955

 7.1532, 5.3681,
7.1341

163.4477,
153.3181, 178.4463

 3.6053, 2.4648,
3.4664

201.3301,
190.3398, 220.5212

 1.4813, 0.8589,
1.3374

244.6554,

 0.3131, 0.0000,

232.8875, 268.7388

0.0922

293.7889,
281.3456, 323.5176

0.0000, 0.0000,
0.0000

42.8919, 37.6459,
45.5632

42.8919, 37.6459,
45.5632

38.9416, 31.3249,
39.3760

47.4753, 45.1051,
52.3545

35.5915, 26.0802,
33.7716

52.7164, 53.7500,
59.7652

32.8103, 21.8521,
28.7312

58.6421, 63.6316,
67.8131

30.5626, 18.5727,
24.2332

65.2771, 74.7966,
76.5144

28.8086, 16.1657,
20.2546

72.6446, 87.2888,
85.8847

■ 27.5027, 14.5430,
16.7698

■ 75.2388, 90.0941,
94.0962

■ 26.5894, 13.5973,
13.7497

■ 76.8174, 90.7255,
102.4089

■ 26.2208, 13.2709,
12.3603

■ 77.8976, 91.1576,
108.0973

Harmonies

Analogous

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



41.0391, 37.6459, 55.8973



42.8919, 37.6459, 45.5632



42.7507, 37.6459, 35.5031

Triad

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



42.8919, 37.6459, 45.5632



33.8103, 37.6459, 24.9262



31.3049, 37.6459, 57.1112

Complementary

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



42.8919, 37.6459, 45.5632



41.5865, 51.5280, 49.3515

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.



29.6138, 37.6459, 47.0150



42.8919, 37.6459, 45.5632



30.9929, 37.6459, 29.0009

Square

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



42.8919, 37.6459, 45.5632



37.3444, 37.6459, 24.6696



29.5035, 37.6459, 36.7335



34.2624, 37.6459, 63.2730

Rectangle

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



42.8919, 37.6459, 45.5632



41.5434, 37.6459, 30.2609



29.5035, 37.6459, 36.7335



30.5783, 37.6459, 53.9956

Sweetspot

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



42.8930, 37.6476, 45.5640



88.1588, 88.5517, 99.4072



39.7043, 35.6798, 60.0531



18.7483, 18.7531, 21.1075



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.



42.8930, 37.6476, 45.5640



69.5537, 58.2176, 72.0076



40.8759, 37.0561, 34.2784



10.8423, 10.7203, 12.1530



16.5322, 8.3625, 8.0126



0.8194, 0.4106, 0.5719

Inverse Universe

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



42.8930, 37.6476, 45.5640



69.5537, 58.2176, 72.0076



43.9992, 52.1831, 63.0122



10.8423, 10.7203, 12.1530



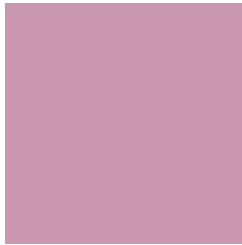
16.5322, 8.3625, 8.0126



0.8194, 0.4106, 0.5719

Previews

White Background



This preview shows how the XYZ color 42.8919, 37.6459, 45.5632 looks on a white background.

Color Contrast Check

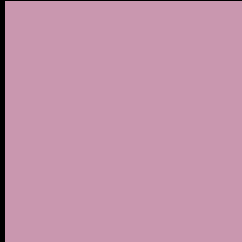
Large Text (above 18pt) WCAG AA × Fail

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 42.8919, 37.6459, 45.5632 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 42.8919, 37.6459, 45.5632

Background



This preview shows how black text looks on a background with the XYZ color 42.8919, 37.6459, 45.5632.



This preview shows how white text looks on a background with the XYZ color 42.8919, 37.6459,

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

42.8919, 37.6459, 45.5632

Protanopia

36.9270, 37.7563, 50.1412

Deuteranopia

38.4737, 37.6237, 44.7695



Tritanopia

42.0022, 37.7784, 40.6755

Trichromacy



Original Color

42.8919, 37.6459, 45.5632

Protanomaly

38.7678, 37.4387, 48.3631

Deuteranomaly

39.9467, 37.6090, 45.1983

Tritanomaly

42.2091, 37.6004, 42.5691

Monochromacy



Original Color

42.8919, 37.6459, 45.5632

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.3271, 38.6047, 43.9068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8919, 37.6459, 45.5632 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(201, 151, 175)` looks like.

```
.text, #text, p{  
    color:rgb(201, 151, 175)  
}
```

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(201, 151, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 151, 175) }
```

Border

The CSS property to change the border of an element to XYZ 42.8919, 37.6459, 45.5632 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(201, 151, 175) }
```


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

```
.border{ border-color:rgb(201, 151, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 151, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 151, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 151, 175);  
box-shadow:4px 4px 4px 4px rgb(201, 151,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8919, 37.6459, 45.5632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 151, 175) }
```

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

```
.background{ background-color: rgb(201,  
151, 175) }
```

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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