

Converting Colors

XYZ(42.7775, 36.7256, 37.1971)

Have a look what the booklet for
XYZ(42.7775, 36.7256, 37.1971)
contains.

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Color

**XYZ(42.8998, 36.8914,
37.2074)**

Conversions

Conversions Part 1

Format	Color
Hex	D1939E
RGB	209, 147, 158
RGB Percent	82%, 58%, 62%
CMY	0.1804, 0.4235, 0.3804
CMYK	0.00, 0.30, 0.24, 0.18
HSL	349°, 40%, 70%
HSV	349°, 30%, 82%
XYZ	42.8998, 36.8914, 37.2074
YIQ	166.7920, 33.4210, 16.5650

Conversions

Conversions Part 2

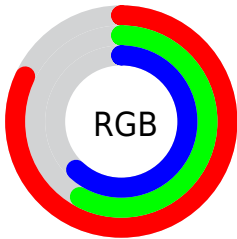
Format	Color
R _Y B	209, 147, 158
Decimal	13734814
CIE Lab	67.20, 24.94, 3.61
CIE LCh	67, 25.198, 8.248
Yxy	36.8914, 0.3667, 0.3153
Android (android.graphics.Color)	4291924894 (0xFFD1939E)
YUV	166.7920, -4.3345, 37.0164
Hunter-Lab	60.7383, 19.7836, 6.1966

Details

The XYZ color **42.8998, 36.8914, 37.2074** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.0278, 55.8821, 61.8421**, and the grayscale version is **36.6393, 38.5474, 41.9781**.

A 20% lighter version of the original color is **74.1369, 67.8374, 72.1373**, and **19.9736, 16.1996, 15.9840** is the 20% darker color. If you saturate the color by 10%, you get **38.5624, 30.4214, 28.9638**, and if you desaturate by 10%, it is **48.0367, 44.6285, 46.7398**.

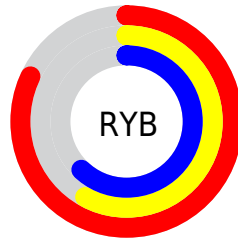
Distribution



Red (82%)

Green (58%)

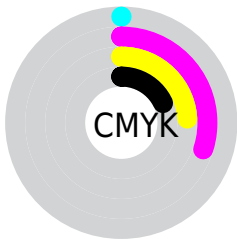
Blue (62%)



Red (82%)

Yellow (58%)

Blue (62%)

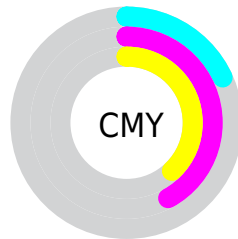


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (18%)



Cyan (18%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8998, 36.8914, 37.2074 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 42.8998, 36.8914, 37.2074 by changing the saturation by 10% instead.


 42.8998, 36.8914,
37.2074

 42.8998, 36.8914,
37.2074


349.1280,
332.8401, 349.4033

 30.0007, 25.1234,
25.0711


 78.8163, 70.4057,
72.0815

 19.9872, 16.1690,
15.9105


 102.5644, 92.9209,
95.6564

 12.4939, 9.6438,
9.3072


130.6595,
119.7872, 123.8813

 7.1556, 5.1635,
4.8425

163.4670,
151.3890, 157.1745

 3.6068, 2.3435,
2.0981

201.3523,
188.1109, 195.9549

 1.4822, 0.7966,
0.6146

244.6806,

 0.3137, 0.0000,

230.3371, 240.6407

0.0000

293.8174,
278.4520, 291.6507

0.0000, 0.0000,
0.0000

42.8998, 36.8914,
37.2074

42.8998, 36.8914,
37.2074

38.5624, 30.4214,
28.9638

48.0367, 44.6285,
46.7398

34.9809, 25.1459,
21.9512

54.0078, 53.6899,
57.6111

32.1122, 20.9929,
16.1104

60.8492, 64.1355,
69.8714

29.9074, 17.8805,
11.3765

68.5941, 76.0202,
83.5674

28.3115, 15.7157,
7.6782

77.2740, 89.3957,
98.7438

■ 27.2599, 14.3885,
4.9351

■ 80.1046, 92.2954,
108.2006

■ 26.6465, 13.7084,
3.0457

■ 26.6296, 13.6894,
2.9947

Harmonies

Analogous

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



42.3873, 36.8914, 48.5352



42.8998, 36.8914, 37.2074



41.1953, 36.8914, 28.4369

Triad

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



42.8998, 36.8914, 37.2074



30.6844, 36.8914, 25.7318



32.3957, 36.8914, 63.2127

Complementary

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



42.8998, 36.8914, 37.2074



45.0278, 55.8821, 61.8421

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.



29.5737, 36.8914, 54.7504



42.8998, 36.8914, 37.2074



28.6372, 36.8914, 32.8232

Square

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



42.8998, 36.8914, 37.2074



34.0144, 36.8914, 22.6496



28.2459, 36.8914, 43.2826



36.1353, 36.8914, 64.9717

Rectangle

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



42.8998, 36.8914, 37.2074



39.0995, 36.8914, 24.7227



28.2459, 36.8914, 43.2826



31.3165, 36.8914, 60.9920

Sweetspot

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



42.9008, 36.8931, 37.2081



85.2685, 85.0645, 91.3736



45.1358, 37.4287, 65.1675



17.9355, 17.7271, 18.9879



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.



42.9008, 36.8931, 37.2081



62.5583, 50.7997, 49.4119



45.3138, 43.1668, 33.5497



11.8931, 11.8420, 12.7130



16.4448, 8.4508, 1.9827



0.9461, 0.4832, 0.2512

Inverse Universe

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



42.9008, 36.8931, 37.2081



62.5583, 50.7997, 49.4119



41.8193, 47.3610, 67.2594



11.8931, 11.8420, 12.7130



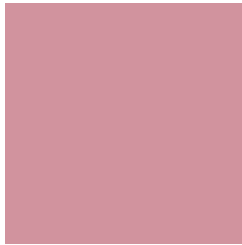
16.4448, 8.4508, 1.9827



0.9461, 0.4832, 0.2512

Previews

White Background



This preview shows how the XYZ color 42.8998, 36.8914, 37.2074 looks on a white background.

Color Contrast Check

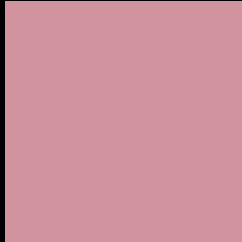
Large Text (above 18pt) WCAG AA × Fail

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 42.8998, 36.8914, 37.2074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

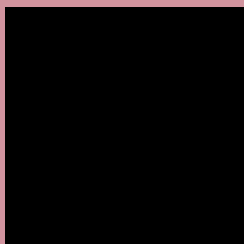
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8998, 36.8914, 37.2074

Background



This preview shows how black text looks on a background with the XYZ color 42.8998, 36.8914, 37.2074.



This preview shows how white text looks on a background with the XYZ color 42.8998, 36.8914,

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

42.8998, 36.8914, 37.2074

Protanopia

35.7981, 37.0914, 41.8318

Deuteranopia

37.7560, 36.9213, 36.5891



Tritanopia

42.8998, 36.8914, 37.2074

Trichromacy



Original Color

42.8998, 36.8914, 37.2074

Protanomaly

38.0492, 36.7394, 40.2080

Deuteranomaly

39.3796, 36.7520, 36.9166

Tritanomaly

42.8998, 36.8914, 37.2074

Monochromacy



Original Color

42.8998, 36.8914, 37.2074

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.5630, 37.7670, 40.3792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8998, 36.8914, 37.2074 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(209, 147, 158)` looks like.

```
.text, #text, p{  
    color:rgb(209, 147, 158)  
}
```

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(209, 147, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 147, 158) }
```

Border

The CSS property to change the border of an element to XYZ 42.8998, 36.8914, 37.2074 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(209, 147, 158) }
```


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

```
.border{ border-color:rgb(209, 147, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 147, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 147, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 147, 158);  
box-shadow:4px 4px 4px 4px rgb(209, 147,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8998, 36.8914, 37.2074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 147, 158) }
```

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

```
.background{ background-color: rgb(209,  
147, 158) }
```

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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