

Converting Colors

XYZ(46.8718, 43.0358, 36.1219)

Have a look what the booklet for
XYZ(46.8718, 43.0358, 36.1219)
contains.

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Color

**XYZ(46.8713, 42.9414,
35.9551)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A399
RGB	215, 163, 153
RGB Percent	84%, 64%, 60%
CMY	0.1569, 0.3608, 0.4000
CMYK	0.00, 0.24, 0.29, 0.16
HSL	10°, 44%, 72%
HSV	10°, 29%, 84%
XYZ	46.8713, 42.9414, 35.9551
YIQ	177.4080, 34.2020, 7.9140

Conversions

Conversions Part 2

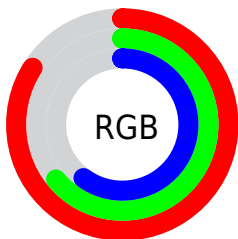
Format	Color
R _Y B	215, 165, 153
Decimal	14132121
CIE Lab	71.52, 17.81, 12.65
CIE LCh	72, 21.842, 35.390
Yxy	42.9414, 0.3727, 0.3414
Android (android.graphics.Color)	4292322201 (0xFFD7A399)
YUV	177.4080, -12.0331, 32.9682
Hunter-Lab	65.5297, 12.9984, 13.3393

Details

The XYZ color **46.8713, 42.9414, 35.9551** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.2332, 55.3394, 72.4822**, and the grayscale version is **42.0542, 44.2443, 48.1821**.

A 20% lighter version of the original color is **77.5739, 75.9078, 69.5946**, and **22.3808, 19.6991, 15.1931** is the 20% darker color. If you saturate the color by 10%, you get **42.2767, 36.3425, 26.4378**, and if you desaturate by 10%, it is **52.2446, 50.5852, 47.3114**.

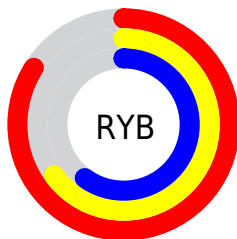
Distribution



Red (84%)

Green (64%)

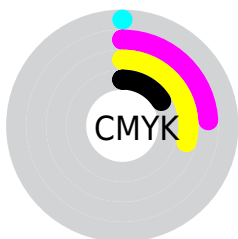
Blue (60%)



Red (84%)

Yellow (65%)

Blue (60%)

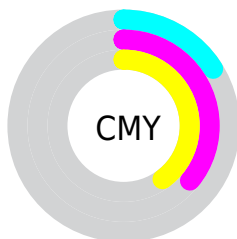


Cyan (0%)

Magenta (24%)

Yellow (29%)

Black (16%)



Cyan (16%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8713, 42.9414, 35.9551 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 46.8713, 42.9414, 35.9551 by changing the saturation by 10% instead.


 46.8713, 42.9414,
35.9551


 46.8713, 42.9414,
35.9551


364.9581,
358.3707, 343.7957

 33.1414, 29.8391,
24.1101


 84.7414, 79.6224,
70.1310

 22.3946, 19.7165,
15.2024


 109.6123,
103.9700, 93.2990

 14.2653, 12.1892,
8.8133


138.9277,
132.8347, 121.0785

 8.3884, 6.8726,
4.5245

173.0528,
166.6011, 153.8878

 4.3983, 3.3826,
1.9173

212.3531,
205.6535, 192.1457

 1.9299, 1.3346,
0.5037

257.1938,

 0.5941, 0.1677,

250.3763, 236.2706

0.0000

307.9403,
301.1539, 286.6811

0.0000, 0.0000,
0.0000

46.8713, 42.9414,
35.9551

46.8713, 42.9414,
35.9551

42.2767, 36.3425,
26.4378

52.2446, 50.5852,
47.3114

38.4211, 30.7372,
18.6600

58.4272, 59.3104,
60.5939

35.2661, 26.0788,
12.5167

65.4521, 69.1591,
75.8873

32.7686, 22.3145,
7.8904

73.3497, 80.1694,
93.2706

30.8806, 19.3861,
4.6478

81.2499, 92.0182,
108.0867

■ 29.5470, 17.2285,
2.6323

■ 81.8344, 93.1871,
108.2815

■ 28.6932, 15.7627,
1.6020

■ 28.6164, 15.6312,
1.5089

Harmonies

Analogous

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



48.2875, 42.9414, 44.8744



46.8713, 42.9414, 35.9551



43.8387, 42.9414, 30.6188

Triad

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



46.8713, 42.9414, 35.9551



34.7022, 42.9414, 38.7999



41.4841, 42.9414, 70.0235

Complementary

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



46.8713, 42.9414, 35.9551



47.2332, 55.3394, 72.4822

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.



37.9327, 42.9414, 67.7518



46.8713, 42.9414, 35.9551



34.1553, 42.9414, 48.6893

Square

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



46.8713, 42.9414, 35.9551



36.8447, 42.9414, 32.0798



35.3034, 42.9414, 59.5283



45.0596, 42.9414, 65.3386

Rectangle

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



46.8713, 42.9414, 35.9551



41.3870, 42.9414, 29.2970



35.3034, 42.9414, 59.5283



40.2474, 42.9414, 70.0550

Sweetspot

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



46.8724, 42.9434, 35.9560



85.7371, 86.9380, 88.6431



50.5200, 41.6716, 63.5826



18.0498, 18.1840, 18.3219



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.



46.8724, 42.9434, 35.9560



64.4519, 56.7078, 43.5050



52.9107, 55.0200, 37.9687



12.5835, 12.7412, 12.9568



17.1670, 9.4513, 0.9195



1.0869, 0.6730, 0.0726

Inverse Universe

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



47.2332, 55.3394, 72.4822



65.0601, 77.9731, 106.2290



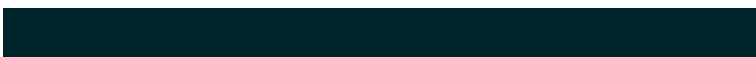
40.6747, 42.2224, 70.2961



12.6136, 13.7507, 15.9269



17.2011, 22.6640, 41.9212



1.0842, 1.4603, 2.5440

Previews

White Background



This preview shows how the XYZ color 46.8713, 42.9414, 35.9551 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 46.8713, 42.9414, 35.9551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

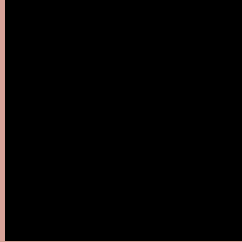
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.8713, 42.9414, 35.9551

Background



This preview shows how black text looks on a background with the XYZ color 46.8713, 42.9414, 35.9551.



This preview shows how white text looks on a background with the XYZ color 46.8713, 42.9414,

35.9551.

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

46.8713, 42.9414, 35.9551

Protanopia

40.8794, 43.1082, 38.9670

Deuteranopia

43.9429, 43.0604, 35.7012



Tritanopia

48.6325, 42.8719, 44.7416

Trichromacy



Original Color

46.8713, 42.9414, 35.9551

Protanomaly

42.8968, 43.0295, 37.9429

Deuteranomaly

44.9398, 43.0262, 35.6421

Tritanomaly

47.8553, 42.8053, 41.3373

Monochromacy



Original Color

46.8713, 42.9414, 35.9551

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.3063, 43.4086, 43.1420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8713, 42.9414, 35.9551 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(215, 163, 153)` looks like.

```
.text, #text, p{  
    color:rgb(215, 163, 153)  
}
```

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(215, 163, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 163, 153) }
```

Border

The CSS property to change the border of an element to XYZ 46.8713, 42.9414, 35.9551 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(215, 163, 153) }
```


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

```
.border{ border-color:rgb(215, 163, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 163, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 163, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 163, 153);  
box-shadow:4px 4px 4px 4px rgb(215, 163,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8713, 42.9414, 35.9551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 163, 153) }
```

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

```
.background{ background-color: rgb(215,  
163, 153) }
```

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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