

Converting Colors

XYZ(43.1150, 35.9807, 33.9413)

Have a look what the booklet for
XYZ(43.1150, 35.9807, 33.9413)
contains.

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Color

**XYZ(42.9905, 35.8765,
33.9372)**

Conversions

Conversions Part 1

Format	Color
Hex	D68E97
RGB	214, 142, 151
RGB Percent	84%, 56%, 59%
CMY	0.1608, 0.4431, 0.4078
CMYK	0.00, 0.34, 0.29, 0.16
HSL	353°, 47%, 70%
HSV	353°, 34%, 84%
XYZ	42.9905, 35.8765, 33.9372
YIQ	164.5540, 40.0230, 18.0630

Conversions

Conversions Part 2

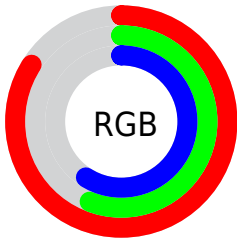
Format	Color
R _Y B	214, 142, 151
Decimal	14061207
CIE Lab	66.43, 28.53, 6.51
CIE LCh	66, 29.260, 12.855
Yxy	35.8765, 0.3811, 0.3180
Android (android.graphics.Color)	4292251287 (0xFFD68E97)
YUV	164.5540, -6.6821, 43.3641
Hunter-Lab	59.8970, 23.2969, 8.3346

Details

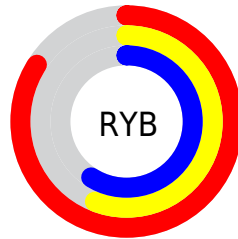
The XYZ color **42.9905, 35.8765, 33.9372** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.2229, 58.2526, 66.5682**, and the grayscale version is **35.5691, 37.4215, 40.7520**.

A 20% lighter version of the original color is **71.9994, 65.1476, 66.5376**, and **20.1419, 15.6714, 14.0199** is the 20% darker color. If you saturate the color by 10%, you get **38.7049, 29.5487, 25.5921**, and if you desaturate by 10%, it is **48.1309, 43.5268, 43.7598**.

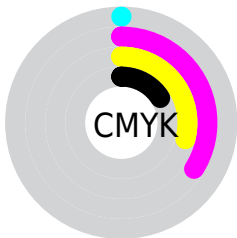
Distribution



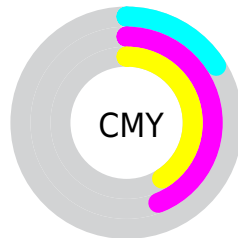
- Red (84%)
- Green (56%)
- Blue (59%)



- Red (84%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (34%)
- Yellow (29%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9905, 35.8765, 33.9372 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 42.9905, 35.8765, 33.9372 by changing the saturation by 10% instead.


 42.9905, 35.8765,
33.9372

 42.9905, 35.8765,
33.9372


349.4949,
328.4204, 334.6125


 30.0722, 24.3388,
22.5684


 78.9523, 68.8414,
66.9688

 20.0417, 15.5852,
14.0728


 102.7265, 91.0374,
89.4686

 12.5338, 9.2311,
8.0320


 130.8500,
117.5550, 116.5159

 7.1831, 4.8922,
4.0274

163.6882,
148.7786, 148.5291

 3.6242, 2.1842,
1.6404

201.6064,
185.0925, 185.9269

 1.4918, 0.7113,
0.3194

244.9701,

 0.3203, 0.0000,

226.8812, 229.1277

0.0000

294.1444,
274.5290, 278.5500

0.0000, 0.0000,
0.0000

42.9905, 35.8765,
33.9372

42.9905, 35.8765,
33.9372

38.7049, 29.5487,
25.5921

48.1309, 43.5268,
43.7598

35.2246, 24.4635,
18.6507

54.1660, 52.5632,
55.1245

32.4997, 20.5404,
13.0360

61.1369, 63.0516,
68.0945

30.4734, 17.6871,
8.6629

69.0812, 75.0520,
82.7291

29.0806, 15.7977,
5.4361

78.0343, 88.6211,
99.0845

■ 28.2438, 14.7439,
3.2459

■ 81.5417, 93.0362,
108.2678

■ 27.9265, 14.3741,
2.3237

Harmonies

Analogous

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



42.8003, 35.8765, 46.6166



42.9905, 35.8765, 33.9372



40.6560, 35.8765, 24.8433

Triad

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



42.9905, 35.8765, 33.9372



28.6843, 35.8765, 23.9108



31.6758, 35.8765, 66.9534

Complementary

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



42.9905, 35.8765, 33.9372



46.2229, 58.2526, 66.5682

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.



28.2888, 35.8765, 57.8799



42.9905, 35.8765, 33.9372



26.6659, 35.8765, 32.3737

Square

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



42.9905, 35.8765, 33.9372



32.2592, 35.8765, 19.9457



26.5276, 35.8765, 44.6815



36.0086, 35.8765, 67.6250

Rectangle

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



42.9905, 35.8765, 33.9372



38.0896, 35.8765, 21.2860



26.5276, 35.8765, 44.6815



30.3984, 35.8765, 64.7084

Sweetspot

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



42.9915, 35.8782, 33.9379



84.0610, 83.4410, 88.5312



46.8234, 37.0968, 68.3111



17.6869, 17.4005, 18.3794



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.



42.9915, 35.8782, 33.9379



59.4908, 46.7863, 41.8489



46.6918, 44.4039, 31.7032



12.4858, 12.4458, 13.2323



16.9005, 8.6965, 1.5143



1.0407, 0.5331, 0.2036

Inverse Universe

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



42.9915, 35.8782, 33.9379



59.4908, 46.7863, 41.8489



41.1923, 46.4030, 70.4042



12.4858, 12.4458, 13.2323



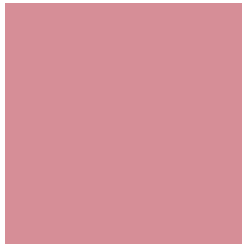
16.9005, 8.6965, 1.5143



1.0407, 0.5331, 0.2036

Previews

White Background



This preview shows how the XYZ color 42.9905, 35.8765, 33.9372 looks on a white background.

Color Contrast Check

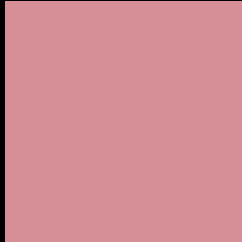
Large Text (above 18pt) WCAG AA × Fail

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 42.9905, 35.8765, 33.9372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

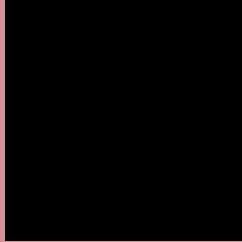
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9905, 35.8765, 33.9372

Background



This preview shows how black text looks on a background with the XYZ color 42.9905, 35.8765, 33.9372.



This preview shows how white text looks on a background with the XYZ color 42.9905, 35.8765,

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

42.9905, 35.8765, 33.9372

Protanopia

34.7835, 36.0977, 39.3167

Deuteranopia

36.7622, 35.9823, 33.0247



Tritanopia

43.0721, 35.9091, 34.3668

Trichromacy



Original Color

42.9905, 35.8765, 33.9372

Protanomaly

37.2556, 35.6471, 37.2647

Deuteranomaly

38.7396, 35.7725, 33.2968

Tritanomaly

43.0721, 35.9091, 34.3668

Monochromacy



Original Color

42.9905, 35.8765, 33.9372

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.9306, 36.7193, 38.3461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9905, 35.8765, 33.9372 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(214, 142, 151)` looks like.

```
.text, #text, p{  
    color:rgb(214, 142, 151)  
}
```

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(214, 142, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 142, 151) }
```

Border

The CSS property to change the border of an element to XYZ 42.9905, 35.8765, 33.9372 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(214, 142, 151) }
```


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

```
.border{ border-color:rgb(214, 142, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 142, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 142, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 142, 151);  
box-shadow:4px 4px 4px 4px rgb(214, 142,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9905, 35.8765, 33.9372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 142, 151) }
```

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

```
.background{ background-color: rgb(214,  
142, 151) }
```

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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