

Converting Colors

XYZ(41.3151, 35.3981, 35.5750)

Have a look what the booklet for
XYZ(41.3151, 35.3981, 35.5750)
contains.

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Color

**XYZ(41.3433, 35.4349,
35.6709)**

Conversions

Conversions Part 1

Format	Color
Hex	CE909B
RGB	206, 144, 155
RGB Percent	81%, 56%, 61%
CMY	0.1922, 0.4353, 0.3922
CMYK	0.00, 0.30, 0.25, 0.19
HSL	349°, 39%, 69%
HSV	349°, 30%, 81%
XYZ	41.3433, 35.4349, 35.6709
YIQ	163.7920, 33.4210, 16.5650

Conversions

Conversions Part 2

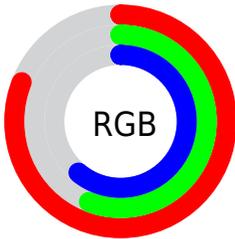
Format	Color
R_{YB}	206, 144, 155
Decimal	13537435
CIE _{Lab}	66.09, 25.02, 3.65
CIE _{LCh}	66, 25.290, 8.307
Yxy	35.4349, 0.3677, 0.3151
Android (android.graphics.Color)	4291727515 (0xFFCE909B)
YUV	163.7920, -4.3345, 37.0164
Hunter-Lab	59.5272, 19.8005, 6.1403

Details

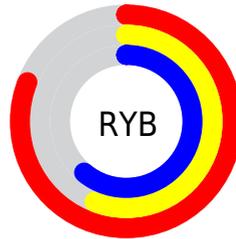
The XYZ color **41.3433, 35.4349, 35.6709** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4248, 54.0130, 59.7694**, and the grayscale version is **35.1974, 37.0304, 40.3261**.

A 20% lighter version of the original color is **72.9427, 66.2516, 69.2649**, and **18.9907, 15.3122, 15.0513** is the 20% darker color. If you saturate the color by 10%, you get **37.1785, 29.2251, 27.7470**, and if you desaturate by 10%, it is **46.2791, 42.8665, 44.8381**.

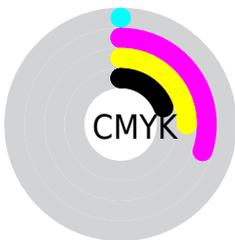
Distribution



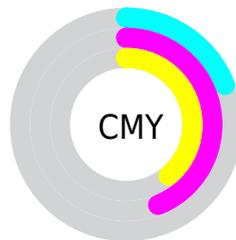
- Red (81%)
- Green (56%)
- Blue (61%)



- Red (81%)
- Yellow (56%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (19%)



- Cyan (19%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3433, 35.4349, 35.6709 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 41.3433, 35.4349, 35.6709 by changing the saturation by 10% instead.

■ 41.3433, 35.4349,
35.6709

■ 41.3433, 35.4349,
35.6709

342.7915,
326.4838, 342.5136

■ 28.7763, 23.9981,
23.8925

■ 76.4762, 68.1590,
69.6871

■ 19.0551, 15.3322,
15.0424

■ 99.7728, 90.2150,
92.7620

■ 11.8143, 9.0529,
8.7022

127.3766,
116.5795, 120.4394

■ 6.6887, 4.7757,
4.4533

159.6530,
147.6370, 153.1379

■ 3.3128, 2.1163,
1.8772

196.9673,
183.7717, 191.2760

■ 1.3212, 0.6737,
0.4782

239.6849,

■ 0.1990, 0.0000,

225.3682, 235.2723

0.0000

288.1712,
272.8108, 285.5453

■ 0.0000, 0.0000,
0.0000

■ 41.3433, 35.4349,
35.6709

■ 41.3433, 35.4349,
35.6709

■ 37.1785, 29.2251,
27.7470

■ 46.2791, 42.8665,
44.8381

■ 33.7425, 24.1668,
21.0102

■ 52.0195, 51.5753,
55.2969

■ 30.9935, 20.1902,
15.4034

■ 58.5994, 61.6193,
67.0958

■ 28.8841, 17.2160,
10.8637

■ 66.0510, 73.0515,
80.2802

■ 27.3609, 15.1537,
7.3219

■ 74.4047, 85.9221,
94.8931

■ 26.3612, 13.8966,
4.7002

■ 79.2638, 91.8619,
108.1612

■ 25.7805, 13.2526,
2.9116

Harmonies

Analogous

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



40.8458, 35.4349, 46.7439



41.3433, 35.4349, 35.6709



39.6707, 35.4349, 27.1294

Triad

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



41.3433, 35.4349, 35.6709



29.3986, 35.4349, 24.5219



31.0802, 35.4349, 61.1683

Complementary

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



41.3433, 35.4349, 35.6709



43.4248, 54.0130, 59.7694

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.



28.3247, 35.4349, 52.8760



41.3433, 35.4349, 35.6709



27.4052, 35.4349, 31.4312

Square

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



41.3433, 35.4349, 35.6709



32.6472, 35.4349, 21.5220



27.0272, 35.4349, 41.6485



34.7340, 35.4349, 62.8806

Rectangle

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



41.3433, 35.4349, 35.6709



37.6183, 35.4349, 23.5241



27.0272, 35.4349, 41.6485



30.0263, 35.4349, 58.9926

Sweetspot

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



41.3443, 35.4366, 35.6716



85.2685, 85.0645, 91.3737



43.5261, 35.9578, 63.0394



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.



41.3443, 35.4366, 35.6716



62.5583, 50.7997, 49.4120



43.6988, 41.5569, 32.1057



11.2922, 11.2456, 12.0734



15.9003, 8.1707, 1.9274



0.8457, 0.4317, 0.2336

Inverse Universe

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



41.3443, 35.4366, 35.6716



62.5583, 50.7997, 49.4120



40.2798, 45.6594, 65.0831



11.2922, 11.2456, 12.0734



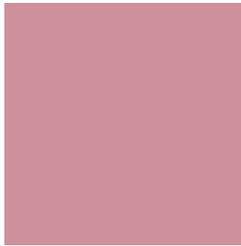
15.9003, 8.1707, 1.9274



0.8457, 0.4317, 0.2336

Previews

White Background



This preview shows how the XYZ color 41.3433, 35.4349, 35.6709 looks on a white background.

Color Contrast Check

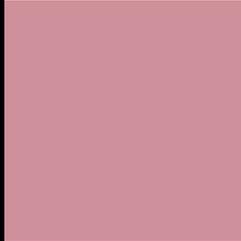
Large Text (above 18pt) WCAG AA × Fail

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 41.3433, 35.4349, 35.6709 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 41.3433, 35.4349, 35.6709

Background



This preview shows how black text looks on a background with the XYZ color 41.3433, 35.4349, 35.6709.



This preview shows how white text looks on a background with the XYZ color 41.3433, 35.4349,

35.6709.

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

41.3433, 35.4349, 35.6709

Protanopia

34.3759, 35.6085, 40.1833

Deuteranopia

36.2935, 35.4459, 35.0659



Tritanopia

41.3433, 35.4349, 35.6709

Trichromacy



Original Color

41.3433, 35.4349, 35.6709

Protanomaly

36.5790, 35.2681, 38.5977

Deuteranomaly

37.8856, 35.2851, 35.3858

Tritanomaly

41.3433, 35.4349, 35.6709

Monochromacy



Original Color

41.3433, 35.4349, 35.6709

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.0804, 36.2709, 38.7648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3433, 35.4349, 35.6709 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(206, 144, 155)` looks like.

```
.text, #text, p{  
    color:rgb(206, 144, 155)  
}
```

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(206, 144, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 144, 155) }
```

Border

The CSS property to change the border of an element to XYZ 41.3433, 35.4349, 35.6709 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(206, 144, 155) }
```

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

```
.border{ border-color:rgb(206, 144, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 144, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 144, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 144, 155);  
box-shadow:4px 4px 4px 4px rgb(206, 144,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3433, 35.4349, 35.6709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 144, 155) }
```

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

```
.background{ background-color: rgb(206,  
144, 155) }
```

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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