

Converting Colors

XYZ(40.7132, 35.2895, 33.0318)

Have a look what the booklet for
XYZ(40.7132, 35.2895, 33.0318)
contains.

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Color

**XYZ(40.7271, 35.3999,
33.1201)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9195
RGB	205, 145, 149
RGB Percent	80%, 57%, 58%
CMY	0.1961, 0.4314, 0.4157
CMYK	0.00, 0.29, 0.27, 0.20
HSL	356°, 37%, 69%
HSV	356°, 29%, 80%
XYZ	40.7271, 35.3999, 33.1201
YIQ	163.3960, 34.4760, 13.9640

Conversions

Conversions Part 2

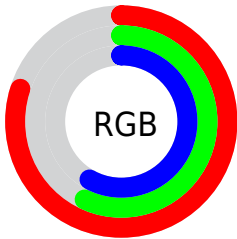
Format	Color
RYB	205, 145, 149
Decimal	13472149
CIELab	66.06, 23.25, 6.98
CIELCh	66, 24.273, 16.700
Yxy	35.3999, 0.3728, 0.3240
Android (android.graphics.Color)	4291662229 (0xFFCD9195)
YUV	163.3960, -7.0972, 36.4867
Hunter-Lab	59.4978, 18.0646, 8.6441

Details

The XYZ color **40.7271, 35.3999, 33.1201** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0526, 53.9003, 63.3432**, and the grayscale version is **35.0219, 36.8458, 40.1251**.

A 20% lighter version of the original color is **72.4429, 66.4186, 65.5018**, and **18.6017, 15.2768, 13.5236** is the 20% darker color. If you saturate the color by 10%, you get **36.4684, 29.1296, 24.7726**, and if you desaturate by 10%, it is **45.8040, 42.9043, 42.9794**.

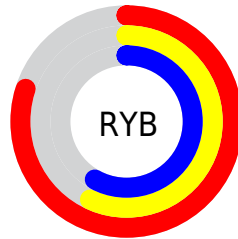
Distribution



Red (80%)

Green (57%)

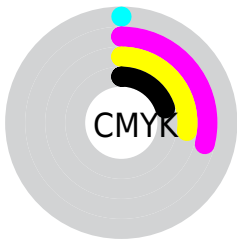
Blue (58%)



Red (80%)

Yellow (57%)

Blue (58%)

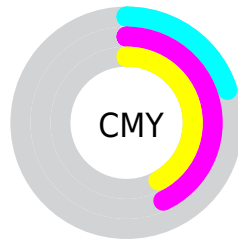


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (20%)



Cyan (20%)


Magenta (43%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7271, 35.3999, 33.1201 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 40.7271, 35.3999, 33.1201 by changing the saturation by 10% instead.


 40.7271, 35.3999,
33.1201


 40.7271, 35.3999,
33.1201

340.2608,
326.3300, 330.8392

 28.2926, 23.9711,
21.9466


 75.5468, 68.1048,
65.6812

 18.6879, 15.3122,
13.6197


 98.6627, 90.1497,
87.9058

 11.5477, 9.0388,
7.7209


126.0698,
116.5021, 114.6512

 6.5065, 4.7665,
3.8317

158.1335,
147.5463, 146.3360

 3.1990, 2.1109,
1.5335

195.2191,
183.6668, 183.3786

 1.2598, 0.6708,
0.2427

237.6919,

 0.1529, 0.0000,

225.2480, 226.1977

0.0000

285.9174,
272.6743, 275.2117

0.0000, 0.0000,
0.0000

40.7271, 35.3999,
33.1201

40.7271, 35.3999,
33.1201

36.4684, 29.1296,
24.7726

45.8040, 42.9043,
42.9794

32.9823, 24.0227,
17.8601

51.7356, 51.6987,
54.4178

30.2232, 20.0090,
12.3023

58.5600, 61.8415,
67.5011

28.1396, 17.0087,
8.0102

66.3119, 73.3861,
82.2908

26.6731, 14.9312,
4.8840

75.0243, 86.3830,
98.8453

■ 25.7555, 13.6698,
2.8091

■ 78.9870, 91.7192,
108.1483

■ 25.2799, 13.0465,
1.6399

■ 25.2539, 13.0100,
1.5834

Harmonies

Analogous

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



40.8480, 35.3999, 43.2908



40.7271, 35.3999, 33.1201



38.6243, 35.3999, 25.8342

Triad

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



40.7271, 35.3999, 33.1201



28.8528, 35.3999, 26.4769



32.0780, 35.3999, 61.2538

Complementary

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



40.7271, 35.3999, 33.1201



44.0526, 53.9003, 63.3432

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.



29.1159, 35.3999, 54.8602



40.7271, 35.3999, 33.1201



27.3455, 35.3999, 34.1584

Square

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



40.7271, 35.3999, 33.1201



31.6950, 35.3999, 22.4942



27.4382, 35.3999, 44.5310



35.6766, 35.3999, 60.8398

Rectangle

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



40.7271, 35.3999, 33.1201



36.4616, 35.3999, 23.0441



27.4382, 35.3999, 44.5310



30.9803, 35.3999, 59.7870

Sweetspot

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



40.7281, 35.4016, 33.1208



84.9015, 84.9177, 89.4408



45.2333, 37.0778, 62.5305



17.8459, 17.6913, 18.5161



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.



40.7281, 35.4016, 33.1208



62.2479, 51.4085, 45.5180



44.8517, 44.1507, 32.9482



11.2421, 11.2256, 11.8097



15.7342, 8.1043, 1.0528



0.8225, 0.4224, 0.1113

Inverse Universe

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



40.7281, 35.4016, 33.1208



62.2479, 51.4085, 45.5180



38.8181, 42.6692, 63.9479



11.2421, 11.2256, 11.8097



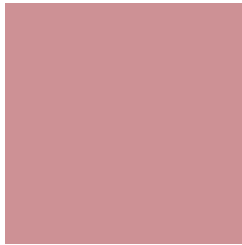
15.7342, 8.1043, 1.0528



0.8225, 0.4224, 0.1113

Previews

White Background



This preview shows how the XYZ color 40.7271, 35.3999, 33.1201 looks on a white background.

Color Contrast Check

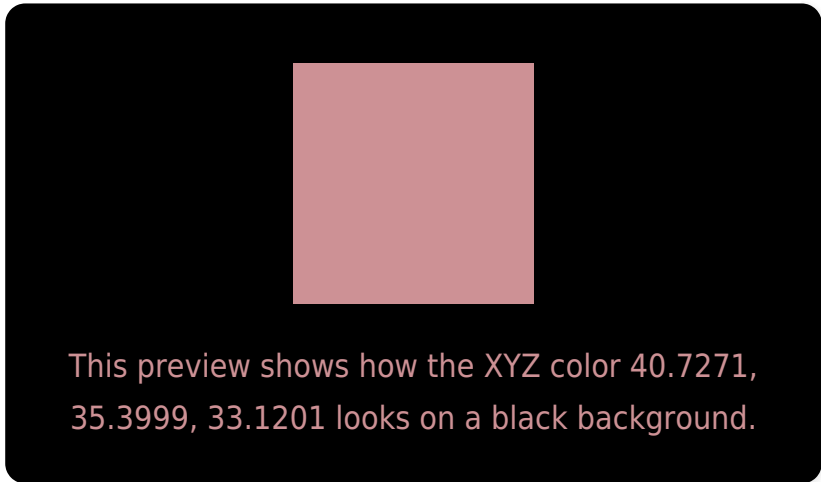
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 40.7271, 35.3999, 33.1201

Background



This preview shows how black text looks on a background with the XYZ color 40.7271, 35.3999, 33.1201.



This preview shows how white text looks on a background with the XYZ color 40.7271, 35.3999,

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

40.7271, 35.3999, 33.1201

Protanopia

34.1737, 35.5753, 36.9639

Deuteranopia

36.0439, 35.3730, 32.5317



Tritanopia

41.3433, 35.4349, 35.6709

Trichromacy



Original Color

40.7271, 35.3999, 33.1201

Protanomaly

36.3765, 35.4791, 35.5028

Deuteranomaly

37.6471, 35.2185, 32.8306

Tritanomaly

41.1766, 35.3682, 34.7935

Monochromacy



Original Color

40.7271, 35.3999, 33.1201

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.4201, 35.7105, 37.3210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7271, 35.3999, 33.1201 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(205, 145, 149)` looks like.

```
.text, #text, p{  
    color:rgb(205, 145, 149)  
}
```

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(205, 145, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 145, 149) }
```

Border

The CSS property to change the border of an element to XYZ 40.7271, 35.3999, 33.1201 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(205, 145, 149) }
```


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

```
.border{ border-color:rgb(205, 145, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 145, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 145, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 145, 149);  
box-shadow:4px 4px 4px 4px rgb(205, 145,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7271, 35.3999, 33.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 145, 149) }
```

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

```
.background{ background-color: rgb(205,  
145, 149) }
```

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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