

Converting Colors

XYZ(40.2941, 33.3391, 36.6591)

Have a look what the booklet for
XYZ(40.2941, 33.3391, 36.6591)
contains.

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Color

**XYZ(40.2941, 33.3391,
36.6591)**

Conversions

Conversions Part 1

Format	Color
Hex	CD899E
RGB	205, 137, 158
RGB Percent	80%, 54%, 62%
CMY	0.1961, 0.4627, 0.3804
CMYK	0.00, 0.33, 0.23, 0.20
HSL	341°, 40%, 67%
HSV	341°, 33%, 80%
XYZ	40.2941, 33.3391, 36.6591
YIQ	159.7260, 33.7870, 20.9470

Conversions

Conversions Part 2

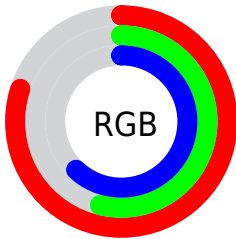
Format	Color
R _Y B	205, 137, 158
Decimal	13470110
CIE Lab	64.43, 28.91, -0.46
CIE LCh	64, 28.913, 359.098
Yxy	33.3391, 0.3653, 0.3023
Android (android.graphics.Color)	4291660190 (0xFFCD899E)
YUV	159.7260, -0.8509, 39.7053
Hunter-Lab	57.7400, 23.5219, 2.7748

Details

The XYZ color **40.2941, 33.3391, 36.6591** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.8011, 52.4426, 53.3221**, and the grayscale version is **33.2812, 35.0144, 38.1307**.

A 20% lighter version of the original color is **71.8810, 63.3257, 71.3853**, and **18.3761, 14.1067, 15.6643** is the 20% darker color. If you saturate the color by 10%, you get **36.5019, 27.5952, 29.7204**, and if you desaturate by 10%, it is **44.7825, 40.2496, 44.5245**.

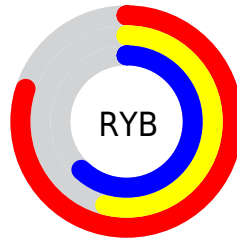
Distribution



Red (80%)

Green (54%)

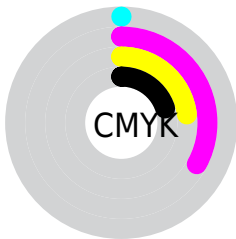
Blue (62%)



Red (80%)

Yellow (54%)

Blue (62%)

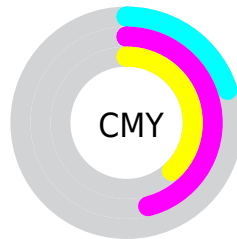


Cyan (0%)

Magenta (33%)

Yellow (23%)

Black (20%)



Cyan (20%)


Magenta (46%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2941, 33.3391, 36.6591 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 40.2941, 33.3391, 36.6591 by changing the saturation by 10% instead.


 40.2941, 33.3391,
36.6591


 40.2941, 33.3391,
36.6591


338.4748,
317.1750, 346.9564


 27.9532, 22.3863,
24.6499


 74.8926, 64.9046,
71.2286

 18.4306, 14.1411,
15.5998


 97.8810, 86.2861,
94.6261

 11.3611, 8.2188,
9.0901


 125.1491,
111.9127, 122.6567

 6.3794, 4.2353,
4.7024

157.0624,
142.1687, 155.7390

 3.1199, 1.8060,
2.0181

193.9863,
177.4385, 194.2916

 1.2175, 0.4909,
0.5664

236.2861,

 0.1201, 0.0000,

218.1066, 238.7330

0.0000

284.3272,
264.5573, 289.4818

■ 0.0000, 0.0000,
0.0000

■ 40.2941, 33.3391,
36.6591

■ 40.2941, 33.3391,
36.6591

■ 36.5019, 27.5952,
29.7204

■ 44.7825, 40.2496,
44.5245

■ 33.3669, 22.9485,
23.6708

■ 49.9977, 48.3818,
53.3481

■ 30.8503, 19.3293,
18.4731

■ 55.9720, 57.7929,
63.1623

■ 28.9081, 16.6580,
14.0862

■ 62.7347, 68.5350,
73.9974

■ 27.4900, 14.8429,
10.4652

■ 70.3138, 80.6574,
85.8822

■ 26.5361, 13.7742,
7.5601

■ 77.1178, 90.9716,
98.3054

■ 26.0826, 13.3415,
5.9472

■ 78.9870, 91.7192,
108.1483

Harmonies

Analogous

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



38.9887, 33.3391, 49.2542



40.2941, 33.3391, 36.6591



39.1322, 33.3391, 26.3407

Triad

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



40.2941, 33.3391, 36.6591



27.9866, 33.3391, 19.8561



27.7882, 33.3391, 59.4756

Complementary

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



40.2941, 33.3391, 36.6591



40.8011, 52.4426, 53.3221

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.



25.2530, 33.3391, 48.4996



40.2941, 33.3391, 36.6591



25.3604, 33.3391, 25.8441

Square

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



40.2941, 33.3391, 36.6591



31.8127, 33.3391, 18.0022



24.4035, 33.3391, 35.9445



31.5632, 33.3391, 64.0642

Rectangle

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



40.2941, 33.3391, 36.6591



37.1673, 33.3391, 21.7017



24.4035, 33.3391, 35.9445



26.7752, 33.3391, 56.3081

Sweetspot

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



40.2950, 33.3407, 36.6598



84.7386, 83.7120, 92.0993



39.6060, 32.4255, 61.9293



17.8498, 17.4656, 19.2367



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.



40.2950, 33.3407, 36.6598



61.3350, 47.5240, 51.5607



40.5149, 36.4298, 28.5651



11.3526, 11.2698, 12.3914



16.2751, 8.3206, 3.9011



0.8738, 0.4429, 0.3812

Inverse Universe

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



40.2950, 33.3407, 36.6598



61.3350, 47.5240, 51.5607



40.3042, 47.6612, 64.8333



11.3526, 11.2698, 12.3914



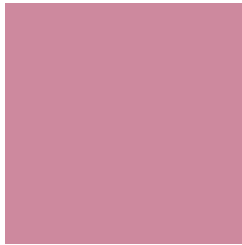
16.2751, 8.3206, 3.9011



0.8738, 0.4429, 0.3812

Previews

White Background



This preview shows how the XYZ color 40.2941, 33.3391, 36.6591 looks on a white background.

Color Contrast Check

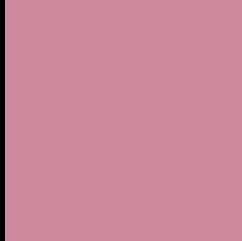
Large Text (above 18pt) WCAG AA × Fail

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 40.2941, 33.3391, 36.6591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

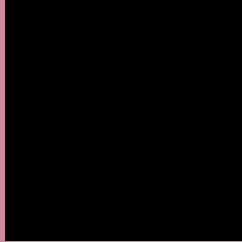
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2941, 33.3391, 36.6591

Background



This preview shows how black text looks on a background with the XYZ color 40.2941, 33.3391, 36.6591.



This preview shows how white text looks on a background with the XYZ color 40.2941, 33.3391,

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

40.2941, 33.3391, 36.6591

Protanopia

32.7602, 33.7094, 42.3160

Deuteranopia

34.1579, 33.5937, 35.6943



Tritanopia

39.5593, 33.4725, 32.8096

Trichromacy



Original Color

40.2941, 33.3391, 36.6591

Protanomaly

34.9945, 33.2102, 40.1631

Deuteranomaly

36.2016, 33.4581, 36.0025

Tritanomaly

39.6578, 33.2813, 34.0395

Monochromacy



Original Color

40.2941, 33.3391, 36.6591

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.3907, 34.1898, 37.5349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2941, 33.3391, 36.6591 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, 137, 158)` looks like.

```
.text, #text, p{  
    color:rgb(205, 137, 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(205, 137, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 137, 158) }
```

Border

The CSS property to change the border of an element to XYZ 40.2941, 33.3391, 36.6591 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, 137, 158) }
```


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

```
.border{ border-color:rgb(205, 137, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 137, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 137, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 137, 158); box-shadow:4px 4px 4px 4px rgb(205, 137, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2941, 33.3391, 36.6591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 137, 158) }
```

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

```
.background{ background-color: rgb(205,  
137, 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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