

Converting Colors

XYZ(41.8435, 33.1949, 41.7380)

Have a look what the booklet for
XYZ(41.8435, 33.1949, 41.7380)
contains.

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Color

**XYZ(41.8435, 33.1949,
41.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	D185A9
RGB	209, 133, 169
RGB Percent	82%, 52%, 66%
CMY	0.1804, 0.4784, 0.3373
CMYK	0.00, 0.36, 0.19, 0.18
HSL	332°, 45%, 67%
HSV	332°, 36%, 82%
XYZ	41.8435, 33.1949, 41.7380
YIQ	159.8280, 33.7400, 27.3080

Conversions

Conversions Part 2

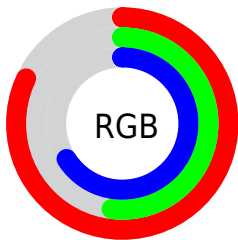
Format	Color
R _Y B	209, 133, 169
Decimal	13731241
CIE Lab	64.32, 34.16, -6.80
CIE LCh	64, 34.835, 348.735
Yxy	33.1949, 0.3583, 0.2843
Android (android.graphics.Color)	4291921321 (0xFFD185A9)
YUV	159.8280, 4.5218, 43.1238
Hunter-Lab	57.6150, 28.8112, -2.6209

Details

The XYZ color **41.8435, 33.1949, 41.7380** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.0176, 53.6056, 47.7754**, and the grayscale version is **33.3042, 35.0386, 38.1570**.

A 20% lighter version of the original color is **72.4649, 62.1825, 78.7041**, and **19.3650, 14.0912, 18.5289** is the 20% darker color. If you saturate the color by 10%, you get **38.2721, 27.6356, 35.6649**, and if you desaturate by 10%, it is **46.0730, 39.9307, 48.4599**.

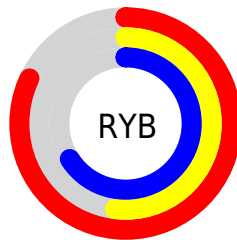
Distribution



Red (82%)

Green (52%)

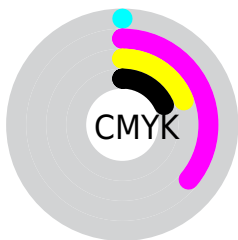
Blue (66%)



Red (82%)

Yellow (52%)

Blue (66%)

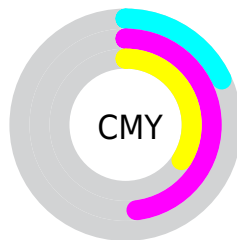


Cyan (0%)

Magenta (36%)

Yellow (19%)

Black (18%)



Cyan (18%)


Magenta (48%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8435, 33.1949, 41.7380 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 41.8435, 33.1949, 41.7380 by changing the saturation by 10% instead.


 41.8435, 33.1949,
41.7380

 41.8435, 33.1949,
41.7380

344.8365,
316.5270, 369.1633


 29.1693, 22.2758,
28.5722

 77.2294, 64.6797,
79.0687

 19.3539, 14.0597,
18.5146


 100.6718, 86.0142,
104.0707

 12.0318, 8.1622,
11.1468


 128.4343,
111.5892, 133.8552

 6.8377, 4.1989,
6.0503

160.8824,
141.7893, 168.8406

 3.4062, 1.7854,
2.8064

198.3812,
176.9987, 209.4456

 1.3720, 0.4781,
0.9966

241.2963,

 0.2362, 0.0000,

217.6018, 256.0887

0.0000

289.9929,
263.9832, 309.1884

■ 0.0000, 0.0000,
0.0000

■ 41.8435, 33.1949,
41.7380

■ 41.8435, 33.1949,
41.7380

■ 38.2721, 27.6356,
35.6649

■ 46.0730, 39.9307,
48.4599

■ 35.3198, 23.1792,
30.2161

■ 50.9910, 47.9013,
55.8498

■ 32.9479, 19.7515,
25.3681


■ 56.6292, 57.1668,
63.9285


■ 31.1116, 17.2667,
21.0945


■ 63.0166, 67.7822,
72.7150


■ 29.7592, 15.6249,
17.3663


■ 70.1806, 79.7989,
82.2277

 28.8253, 14.6997,
14.1493

 77.0508, 91.0739,
92.1188

 28.5466, 14.4562,
13.0888

 78.6901, 91.7296,
100.7512

 80.1047, 92.2954,
108.2006

Harmonies

Analogous

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



39.2649, 33.1949, 57.2833



41.8435, 33.1949, 41.7380



41.4570, 33.1949, 28.0714

Triad

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



41.8435, 33.1949, 41.7380



28.5895, 33.1949, 15.9775



25.6769, 33.1949, 60.7676

Complementary

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



41.8435, 33.1949, 41.7380



40.0176, 53.6056, 47.7754

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.



23.3634, 33.1949, 45.6316



41.8435, 33.1949, 41.7380



24.9196, 33.1949, 20.9734

Square

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



41.8435, 33.1949, 41.7380



33.4480, 33.1949, 15.4497



23.1016, 33.1949, 31.0729



29.7266, 33.1949, 70.0370

Rectangle

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



41.8435, 33.1949, 41.7380



39.5784, 33.1949, 21.6217



23.1016, 33.1949, 31.0729



24.6894, 33.1949, 56.0385

Sweetspot

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



41.8445, 33.1965, 41.7387



84.4587, 82.4761, 94.0901



36.9694, 30.1811, 64.1992



17.8196, 17.2296, 19.7687



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.



41.8445, 33.1965, 41.7387



60.9899, 44.8279, 57.6294



39.0914, 32.3744, 26.3806



12.0385, 11.9001, 13.4786



17.6499, 8.9328, 8.3285



1.0268, 0.5155, 0.6761

Inverse Universe

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



41.8445, 33.1965, 41.7387



60.9899, 44.8279, 57.6294



43.6735, 54.5727, 68.5539



12.0385, 11.9001, 13.4786



17.6499, 8.9328, 8.3285



1.0268, 0.5155, 0.6761

Previews

White Background



This preview shows how the XYZ color 41.8435, 33.1949, 41.7380 looks on a white background.

Color Contrast Check

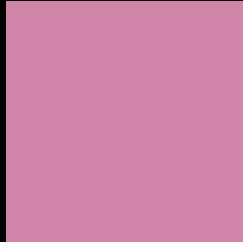
Large Text (above 18pt) WCAG AA × Fail

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 41.8435, 33.1949, 41.7380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

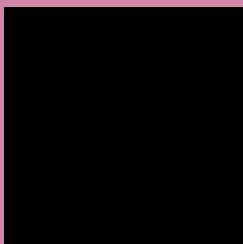
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8435, 33.1949, 41.7380

Background



This preview shows how black text looks on a background with the XYZ color 41.8435, 33.1949, 41.7380.



This preview shows how white text looks on a background with the XYZ color 41.8435, 33.1949,

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

41.8435, 33.1949, 41.7380

Protanopia

33.0311, 33.4409, 49.5136

Deuteranopia

34.0475, 33.4251, 40.7336



Tritanopia

39.9442, 33.2633, 31.9189

Trichromacy



Original Color

41.8435, 33.1949, 41.7380

Protanomaly

35.4829, 32.8524, 46.5905

Deuteranomaly

36.3919, 32.9859, 41.0081

Tritanomaly

40.7330, 33.3848, 35.3074

Monochromacy



Original Color

41.8435, 33.1949, 41.7380

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.8773, 33.9220, 39.3070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8435, 33.1949, 41.7380 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(209, 133, 169)` looks like.

```
.text, #text, p{  
    color:rgb(209, 133, 169)  
}
```

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(209, 133, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 133, 169) }
```

Border

The CSS property to change the border of an element to XYZ 41.8435, 33.1949, 41.7380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

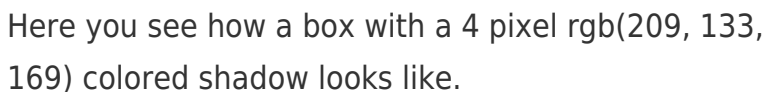
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 133, 169) }
```


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

```
.border{ border-color:rgb(209, 133, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 133, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 133, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 133, 169); box-shadow:4px 4px 4px 4px rgb(209, 133, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8435, 33.1949, 41.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 133, 169) }
```

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

```
.background{ background-color: rgb(209,  
133, 169) }
```

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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