

Converting Colors

XYZ(52.4911, 40.9195, 68.2635)

Have a look what the booklet for
XYZ(52.4911, 40.9195, 68.2635)
contains.

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Color

**XYZ(52.4133, 40.8915,
68.0811)**

Conversions

Conversions Part 1

Format	Color
Hex	DE92D5
RGB	222, 146, 213
RGB Percent	87%, 57%, 84%
CMY	0.1294, 0.4274, 0.1647
CMYK	0.00, 0.34, 0.04, 0.13
HSL	307°, 54%, 72%
HSV	307°, 34%, 87%
XYZ	52.4133, 40.8915, 68.0811
YIQ	176.3620, 23.7890, 36.9490

Conversions

Conversions Part 2

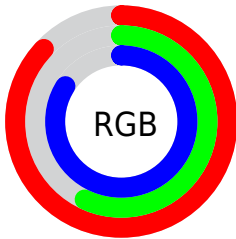
Format	Color
R _Y B	222, 146, 213
Decimal	14586581
CIE Lab	70.10, 38.90, -22.57
CIE LCh	70, 44.975, 329.873
Yxy	40.8915, 0.3248, 0.2534
Android (android.graphics.Color)	4292776661 (0xFFDE92D5)
YUV	176.3620, 18.0625, 40.0245
Hunter-Lab	63.9465, 34.4001, -18.3610

Details

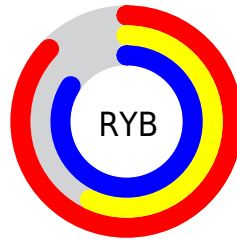
The XYZ color **52.4133, 40.8915, 68.0811** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.8935, 60.7214, 40.4198**, and the grayscale version is **41.3568, 43.5106, 47.3830**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **25.9001, 18.5810, 34.5692** is the 20% darker color. If you saturate the color by 10%, you get **48.9870, 34.5680, 65.3062**, and if you desaturate by 10%, it is **56.5120, 48.5497, 71.1077**.

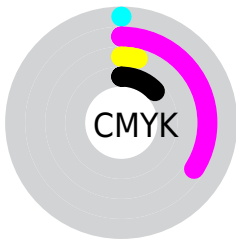
Distribution



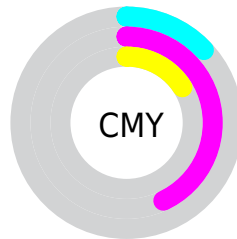
- Red (87%)
- Green (57%)
- Blue (84%)



- Red (87%)
- Yellow (57%)
- Blue (84%)



- Cyan (0%)
- Magenta (34%)
- Yellow (4%)
- Black (13%)





- Cyan (13%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4133, 40.8915, 68.0811 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 52.4133, 40.8915, 68.0811 by changing the saturation by 10% instead.


 52.4133, 40.8915,
68.0811


 52.4133, 40.8915,
68.0811


386.3279,
349.8669, 472.3892

 37.5602, 28.2343,
49.4966

 92.9111, 76.5192,
118.1235

 25.8172, 18.5024,
34.6452


 119.2865,
100.2584, 150.4184

 16.8189, 11.3113,
23.1083


150.2335,
128.4605, 188.1206

 10.2000, 6.2766,
14.4675

186.1172,
161.5098, 231.6486

 5.5950, 3.0140,
8.3041

227.3032,
199.7907, 281.4209

 2.6387, 1.1390,
4.1996

274.1567,

 0.9657, 0.0111,

243.6876, 337.8561

1.7355

327.0432,
293.5849, 401.3727

■ 0.0000, 0.0000,
0.3849

■ 0.0000, 0.0000,
0.0000

■ 52.4133, 40.8915,
68.0811

■ 52.4133, 40.8915,
68.0811

■ 48.9870, 34.5680,
65.3062

■ 56.5120, 48.5497,
71.1077

■ 46.1907, 29.4965,
62.7673

■ 61.3148, 57.6082,
74.3955

■ 43.9829, 25.5936,
60.4512

■ 66.8560, 68.1346,
77.9563

■ 42.3159, 22.7636,
58.3415

■ 73.1665, 80.1910,
81.8006

41.1341, 20.8955,
56.4199

79.6322, 92.5488,
85.7238

40.3699, 19.8542,
54.6635

79.9961, 92.6944,
87.6404

40.0553, 19.5021,
53.7042

80.3657, 92.8422,
89.5863

80.7408, 92.9923,
91.5616

81.1215, 93.1445,
93.5664

Harmonies

Analogous

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



46.3374, 40.8915, 89.6413



52.4133, 40.8915, 68.0811



54.7779, 40.8915, 44.6140

Triad

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



52.4133, 40.8915, 68.0811



38.8976, 40.8915, 15.0783



27.8558, 40.8915, 67.8744

Complementary

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



52.4133, 40.8915, 68.0811



43.8935, 60.7214, 40.4198

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.



26.3792, 40.8915, 44.4339



52.4133, 40.8915, 68.0811



32.2445, 40.8915, 17.8443

Square

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



52.4133, 40.8915, 68.0811



46.3986, 40.8915, 17.8933



27.8810, 40.8915, 27.1442



32.1965, 40.8915, 89.4979

Rectangle

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



52.4133, 40.8915, 68.0811



53.7270, 40.8915, 32.1357



27.8810, 40.8915, 27.1442



27.0343, 40.8915, 59.7455

Sweetspot

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



52.4146, 40.8933, 68.0820



86.9654, 84.6027, 103.8252



36.9576, 32.7893, 73.4891



18.3891, 17.6814, 22.0769



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.



52.4146, 40.8933, 68.0820



68.3383, 49.6646, 90.4762



48.1556, 39.1897, 45.6544



14.2215, 13.9062, 16.9364



23.8190, 11.5946, 32.0422



1.6710, 0.8117, 2.3265

Inverse Universe

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



52.4146, 40.8933, 68.0820



68.3383, 49.6646, 90.4762



47.5877, 62.1990, 59.8732



14.2215, 13.9062, 16.9364



23.8190, 11.5946, 32.0422



1.6710, 0.8117, 2.3265

Previews

White Background



This preview shows how the XYZ color 52.4133, 40.8915, 68.0811 looks on a white background.

Color Contrast Check

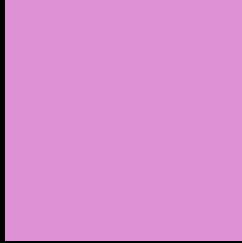
Large Text (above 18pt) WCAG AA × Fail

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 52.4133, 40.8915, 68.0811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

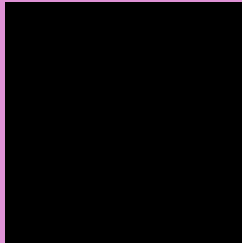
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4133, 40.8915, 68.0811

Background



This preview shows how black text looks on a background with the XYZ color 52.4133, 40.8915, 68.0811.



This preview shows how white text looks on a background with the XYZ color 52.4133, 40.8915,

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

52.4133, 40.8915, 68.0811

Protanopia

42.1752, 41.4312, 80.6371

Deuteranopia

42.0888, 41.1548, 66.0469



Tritanopia

47.0153, 40.8316, 41.9625

Trichromacy



Original Color

52.4133, 40.8915, 68.0811



Protanomaly

44.7898, 40.4553, 75.9690



Deuteranomaly

45.1899, 40.6136, 66.4302



Tritanomaly

48.7934, 40.8226, 50.6553

Monochromacy



Original Color

52.4133, 40.8915, 68.0811



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

44.6328, 41.9218, 53.8834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4133, 40.8915, 68.0811 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(222, 146, 213)` looks like.

```
.text, #text, p{  
    color:rgb(222, 146, 213)  
}
```

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(222, 146, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 146, 213) }
```

Border

The CSS property to change the border of an element to XYZ 52.4133, 40.8915, 68.0811 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(222, 146, 213) }
```


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

```
.border{ border-color:rgb(222, 146, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 146, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 146, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 146, 213);  
box-shadow:4px 4px 4px 4px rgb(222, 146,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4133, 40.8915, 68.0811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 146, 213) }
```

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

```
.background{ background-color: rgb(222,  
146, 213) }
```

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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