

Converting Colors

XYZ(46.7567, 41.1644, 42.0673)

Have a look what the booklet for
XYZ(46.7567, 41.1644, 42.0673)
contains.

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Color

**XYZ(46.7636, 41.2001,
42.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	D69DA7
RGB	214, 157, 167
RGB Percent	84%, 62%, 65%
CMY	0.1608, 0.3843, 0.3451
CMYK	0.00, 0.27, 0.22, 0.16
HSL	349°, 41%, 73%
HSV	349°, 27%, 84%
XYZ	46.7636, 41.2001, 42.0469
YIQ	175.1830, 30.7620, 15.1940

Conversions

Conversions Part 2

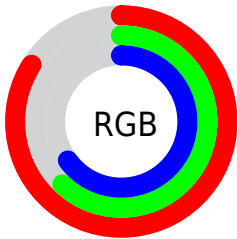
Format	Color
RYB	214, 157, 167
Decimal	14065063
CIELab	70.32, 22.67, 3.18
CIELCh	70, 22.894, 7.979
Yxy	41.2001, 0.3597, 0.3169
Android (android.graphics.Color)	4292255143 (0xFFD69DA7)
YUV	175.1830, -4.0342, 34.0425
Hunter-Lab	64.1873, 17.7182, 6.0923

Details

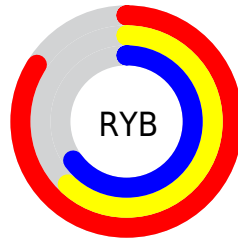
The XYZ color **46.7636, 41.2001, 42.0469** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8520, 59.6219, 66.0632**, and the grayscale version is **40.8523, 42.9798, 46.8050**.

A 20% lighter version of the original color is **77.9683, 73.6209, 79.2081**, and **22.2466, 18.6101, 18.6392** is the 20% darker color. If you saturate the color by 10%, you get **41.9335, 33.9748, 32.9299**, and if you desaturate by 10%, it is **52.4527, 49.7865, 52.5495**.

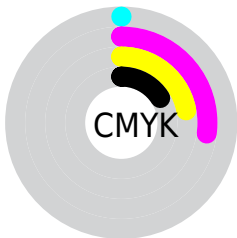
Distribution



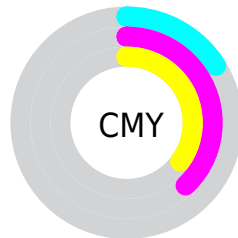
- Red (84%)
- Green (62%)
- Blue (65%)



- Red (84%)
- Yellow (62%)
- Blue (65%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (16%)





- Cyan (16%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7636, 41.2001, 42.0469 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 46.7636, 41.2001, 42.0469 by changing the saturation by 10% instead.


 46.7636, 41.2001,
42.0469


 46.7636, 41.2001,
42.0469


364.5348,
351.1562, 370.4827

 33.0560, 28.4755,
28.8122


 84.5815, 76.9876,
79.5415

 22.3288, 18.6844,
18.6944


 109.4226,
100.8192, 104.6384

 14.2166, 11.4424,
11.2751


138.7054,
129.1219, 134.5264

 8.3542, 6.3653,
6.1357

172.7955,
162.2802, 169.6242

 4.3761, 3.0684,
2.8576

212.0581,
200.6783, 210.3501

 1.9170, 1.1676,
1.0224

256.8586,

 0.5867, 0.0350,

244.7008, 257.1228

0.0000

307.5624,
294.7320, 310.3608

■ 0.0000, 0.0000,
0.0000

■ 46.7636, 41.2001,
42.0469

■ 46.7636, 41.2001,
42.0469

■ 41.9335, 33.9748,
32.9299

■ 52.4527, 49.7865,
52.5495

■ 37.9171, 28.0351,
25.1378

■ 59.0366, 59.7929,
64.4900

■ 34.6697, 23.3070,
18.6090

■ 66.5530, 71.2819,
77.9208

■ 32.1412, 19.7066,
13.2761

■ 75.0366, 84.3104,
92.8912

■ 30.2753, 17.1390,
9.0651

■ 81.5417, 93.0362,
108.2678

■ 29.0070, 15.4939,
5.8936

■ 28.2547, 14.6305,
3.6660

■ 28.0741, 14.4332,
3.1005

Harmonies

Analogous

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



46.2507, 41.2001, 53.0788



46.7636, 41.2001, 42.0469



45.1384, 41.2001, 33.2876

Triad

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



46.7636, 41.2001, 42.0469



34.8772, 41.2001, 30.4397



36.5111, 41.2001, 66.9202

Complementary

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



46.7636, 41.2001, 42.0469



48.8520, 59.6219, 66.0632

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.



33.7332, 41.2001, 58.8444



46.7636, 41.2001, 42.0469



32.8329, 41.2001, 37.5365

Square

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



46.7636, 41.2001, 42.0469



38.1645, 41.2001, 27.3220



32.4278, 41.2001, 47.7957



40.1716, 41.2001, 68.6450

Rectangle

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



46.7636, 41.2001, 42.0469



43.1189, 41.2001, 29.4964



32.4278, 41.2001, 47.7957



35.4502, 41.2001, 64.8024

Sweetspot

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



46.7647, 41.2020, 42.0477



86.2927, 86.6314, 93.1993



48.9746, 41.7449, 69.0951



18.1394, 18.0391, 19.3512



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.



46.7647, 41.2020, 42.0477



65.3064, 54.9192, 54.5722



49.1584, 47.4116, 38.4611



12.5113, 12.4560, 13.3666



16.9958, 8.7346, 2.0160



1.0527, 0.5379, 0.2667

Inverse Universe

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



46.7647, 41.2020, 42.0477



65.3064, 54.9192, 54.5722



45.7724, 51.4819, 71.1433



12.5113, 12.4560, 13.3666



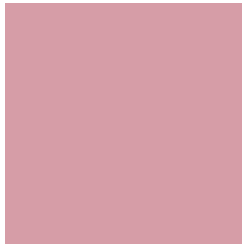
16.9958, 8.7346, 2.0160



1.0527, 0.5379, 0.2667

Previews

White Background



This preview shows how the XYZ color 46.7636, 41.2001, 42.0469 looks on a white background.

Color Contrast Check

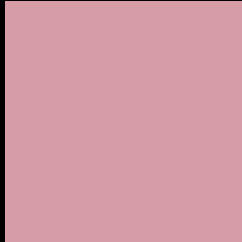
Large Text (above 18pt) WCAG AA × Fail

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 46.7636, 41.2001, 42.0469 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 46.7636, 41.2001, 42.0469

Background



This preview shows how black text looks on a background with the XYZ color 46.7636, 41.2001, 42.0469.



This preview shows how white text looks on a background with the XYZ color 46.7636, 41.2001,

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

46.7636, 41.2001, 42.0469

Protanopia

39.7563, 41.2196, 46.4182

Deuteranopia

41.9136, 41.0654, 41.3146



Tritanopia

46.9500, 41.2747, 43.0284

Trichromacy



Original Color

46.7636, 41.2001, 42.0469

Protanomaly

42.0689, 41.0698, 44.7397

Deuteranomaly

43.5333, 41.0897, 41.7130

Tritanomaly

46.8564, 41.2372, 42.5358

Monochromacy



Original Color

46.7636, 41.2001, 42.0469

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.4353, 41.8026, 44.8619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7636, 41.2001, 42.0469 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(214, 157, 167) looks like.

```
.text, #text, p{  
    color:rgb(214, 157, 167)  
}
```

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(214, 157, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 157, 167) }
```

Border

The CSS property to change the border of an element to XYZ 46.7636, 41.2001, 42.0469 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(214, 157, 167) }
```


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

```
.border{ border-color:rgb(214, 157, 167) }
```

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

Here you see how a box with a 4 pixel rgb(214, 157, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 157, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 157, 167);  
box-shadow:4px 4px 4px 4px rgb(214, 157,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7636, 41.2001, 42.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 157, 167) }
```

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

```
.background{ background-color: rgb(214,  
157, 167) }
```

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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