

Converting Colors

XYZ(46.7367, 43.0057, 41.9140)

Have a look what the booklet for
XYZ(46.7367, 43.0057, 41.9140)
contains.

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Color

**XYZ(46.7367, 43.0057,
41.9140)**

Conversions

Conversions Part 1	
Format	Color
Hex	D2A4A6
RGB	210, 164, 166
RGB Percent	82%, 64%, 65%
CMY	0.1765, 0.3568, 0.3490
CMYK	0.00, 0.22, 0.21, 0.18
HSL	357°, 34%, 73%
HSV	357°, 22%, 82%
XYZ	46.7367, 43.0057, 41.9140
YIQ	177.9820, 26.7740, 10.3740

Conversions

Conversions Part 2

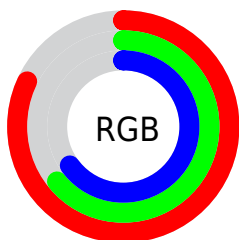
Format	Color
RYB	210, 164, 166
Decimal	13804710
CIELab	71.56, 17.24, 5.47
CIELCh	72, 18.088, 17.618
Yxy	43.0057, 0.3550, 0.3267
Android (android.graphics.Color)	4291994790 (0xFFD2A4A6)
YUV	177.9820, -5.9071, 28.0798
Hunter-Lab	65.5787, 12.4507, 8.0105

Details

The XYZ color **46.7367, 43.0057, 41.9140** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.7433, 58.5407, 68.3551**, and the grayscale version is **42.3287, 44.5331, 48.4965**.

A 20% lighter version of the original color is **79.6227, 77.1435, 79.1002**, and **22.3490, 19.7718, 18.5580** is the 20% darker color. If you saturate the color by 10%, you get **41.5832, 35.4207, 31.8036**, and if you desaturate by 10%, it is **52.8010, 51.9508, 53.7491**.

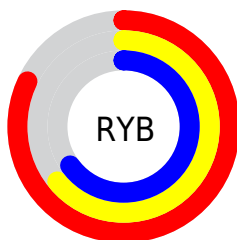
Distribution



Red (82%)

Green (64%)

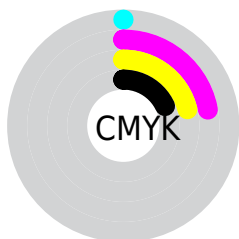
Blue (65%)



Red (82%)

Yellow (64%)

Blue (65%)

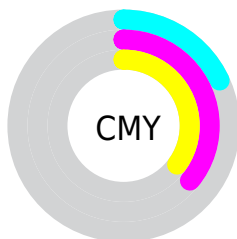


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (18%)



Cyan (18%)


Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7367, 43.0057, 41.9140 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 46.7367, 43.0057, 41.9140 by changing the saturation by 10% instead.


 46.7367, 43.0057,
41.9140


 46.7367, 43.0057,
41.9140


364.4291,
358.6352, 369.9155

 33.0346, 29.8896,
28.7089


 84.5416, 79.7195,
79.3381

 22.3123, 19.7548,
18.6170

 109.3751,
104.0859, 104.3942

 14.2045, 12.2169,
11.2199


138.6499,
132.9712, 134.2378

 8.3457, 6.8916,
6.0989

172.7312,
166.7599, 169.2872

 4.3706, 3.3944,
2.8356

211.9844,
205.8362, 209.9612

 1.9138, 1.3409,
1.0113


256.7749,


 0.5849, 0.1726,


250.5846, 256.6782


0.0000


307.4680,
301.3895, 309.8568


 0.0000, 0.0000,
0.0000


 46.7367, 43.0057,
41.9140


 46.7367, 43.0057,
41.9140


 41.5832, 35.4207,
31.8036


 52.8010, 51.9508,
53.7491


 37.2931, 29.1238,
23.3349


 59.8133, 62.3117,
67.3812


 33.8204, 24.0451,
16.4221

 67.8132, 74.1484,
82.8819

 31.1130, 20.1059,
10.9705

 76.8368, 87.5155,
100.3180

 29.1131, 17.2183,
6.8751

 80.3885, 92.4417,
108.2139

■ 27.7545, 15.2813,
4.0170

■ 26.9586, 14.1746,
2.2564

■ 26.6284, 13.7217,
1.5068

Harmonies

Analogous

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



46.8888, 43.0057, 50.5284



46.7367, 43.0057, 41.9140



44.9665, 43.0057, 35.4610

Triad

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



46.7367, 43.0057, 41.9140



36.6863, 43.0057, 36.3721



39.6284, 43.0057, 65.2646

Complementary

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



46.7367, 43.0057, 41.9140



49.7433, 58.5407, 68.3551

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.



37.0407, 43.0057, 60.3915



46.7367, 43.0057, 41.9140



35.3998, 43.0057, 43.3088

Square

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



46.7367, 43.0057, 41.9140



39.1225, 43.0057, 32.5463



35.5263, 43.0057, 52.1073



42.6804, 43.0057, 64.7693

Rectangle

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



46.7367, 43.0057, 41.9140



43.1545, 43.0057, 32.9231



35.5263, 43.0057, 52.1073



38.6784, 43.0057, 64.1771

Sweetspot

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



46.7379, 43.0077, 41.9149



86.9892, 88.0839, 93.2479



50.8376, 44.5725, 66.8970



18.4781, 18.6450, 19.6844



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.



46.7379, 43.0077, 41.9149



68.8408, 61.3133, 57.8302



50.5667, 50.9560, 42.2947



11.8292, 11.8164, 12.3766



16.2524, 8.3738, 0.9694



0.9162, 0.4712, 0.0935

Inverse Universe

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



46.7379, 43.0077, 41.9149



68.8408, 61.3133, 57.8302



45.2066, 49.0717, 68.0622



11.8292, 11.8164, 12.3766



16.2524, 8.3738, 0.9694



0.9162, 0.4712, 0.0935

Previews

White Background



This preview shows how the XYZ color 46.7367, 43.0057, 41.9140 looks on a white background.

Color Contrast Check

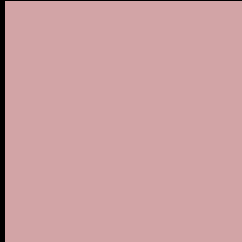
Large Text (above 18pt) WCAG AA × Fail

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 46.7367, 43.0057, 41.9140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

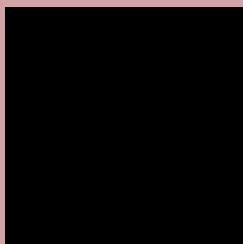
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7367, 43.0057, 41.9140

Background



This preview shows how black text looks on a background with the XYZ color 46.7367, 43.0057, 41.9140.



This preview shows how white text looks on a background with the XYZ color 46.7367, 43.0057,

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

46.7367, 43.0057, 41.9140

Protanopia

41.3668, 43.2222, 45.1922

Deuteranopia

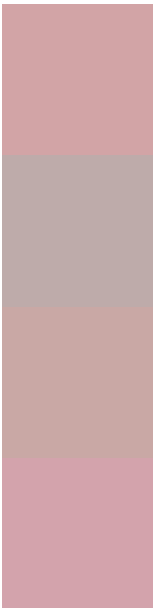
43.9312, 43.2018, 41.6207



Tritanopia

47.6990, 43.1384, 46.3700

Trichromacy



Original Color
46.7367, 43.0057, 41.9140

Protanomaly
43.0538, 42.9752, 44.0561

Deuteranomaly
44.8816, 43.1394, 41.5585

Tritanomaly
47.4076, 43.0218, 44.8351

Monochromacy



Original Color
46.7367, 43.0057, 41.9140

Achromatopsia
42.3164, 44.5201, 48.4824

Achromatomaly
43.8188, 43.8903, 46.2066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7367, 43.0057, 41.9140 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(210, 164, 166) looks like.

```
.text, #text, p{  
    color:rgb(210, 164, 166)  
}
```

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(210, 164, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 164, 166) }
```

Border

The CSS property to change the border of an element to XYZ 46.7367, 43.0057, 41.9140 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(210, 164, 166) }
```


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

```
.border{ border-color:rgb(210, 164, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 164, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 164, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 164, 166);  
box-shadow:4px 4px 4px 4px rgb(210, 164,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7367, 43.0057, 41.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 164, 166) }
```

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

```
.background{ background-color: rgb(210,  
164, 166) }
```

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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