

Converting Colors

XYZ(46.1707, 43.1963, 50.1002)

Have a look what the booklet for
XYZ(46.1707, 43.1963, 50.1002)
contains.

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Color

**XYZ(46.1671, 43.0673,
50.1355)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A6B6
RGB	201, 166, 182
RGB Percent	79%, 65%, 71%
CMY	0.2118, 0.3490, 0.2863
CMYK	0.00, 0.17, 0.09, 0.21
HSL	333°, 24%, 72%
HSV	333°, 17%, 79%
XYZ	46.1671, 43.0673, 50.1355
YIQ	178.2890, 15.7240, 12.3960

Conversions

Conversions Part 2

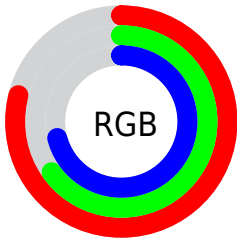
Format	Color
R _Y B	201, 166, 182
Decimal	13215414
CIE Lab	71.60, 15.45, -3.40
CIE LCh	72, 15.820, 347.575
Yxy	43.0673, 0.3313, 0.3090
Android (android.graphics.Color)	4291405494 (0xFFC9A6B6)
YUV	178.2890, 1.8295, 19.9175
Hunter-Lab	65.6257, 10.7283, 0.6427

Details

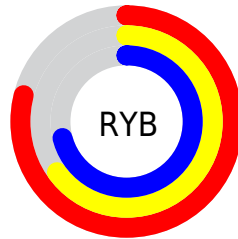
The XYZ color **46.1671, 43.0673, 50.1355** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.3712, 53.3842, 53.8143**, and the grayscale version is **42.4557, 44.6667, 48.6420**.

A 20% lighter version of the original color is **82.5291, 79.1459, 91.8159**, and **22.0124, 19.8227, 23.4349** is the 20% darker color. If you saturate the color by 10%, you get **41.7110, 35.8896, 43.3013**, and if you desaturate by 10%, it is **51.2846, 51.4260, 57.6248**.

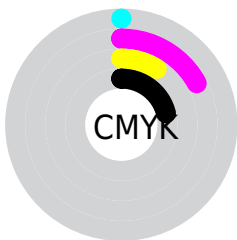
Distribution



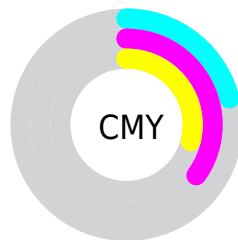
- Red (79%)
- Green (65%)
- Blue (71%)



- Red (79%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (21%)





- Cyan (21%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.1671, 43.0673, 50.1355 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 46.1671, 43.0673, 50.1355 by changing the saturation by 10% instead.


 46.1671, 43.0673,
50.1355


 46.1671, 43.0673,
50.1355

362.1847,
358.8885, 403.9458

 32.5829, 29.9379,
35.1491


 83.6954, 79.8124,
91.7740

 21.9648, 19.7915,
23.4933

 108.3701,
104.1969, 119.2632

 13.9475, 12.2436,
14.7495


137.4724,
133.1020, 151.7571

 8.1656, 6.9098,
8.4991

171.3676,
166.9119, 189.6742

 4.2538, 3.4057,
4.3236

210.4211,
206.0111, 233.4331

 1.8467, 1.3470,
1.8045

254.9982,

 0.5456, 0.1772,

250.7840, 283.4523

0.4309

305.4643,
301.6150, 340.1504

■ 0.0000, 0.0000,
0.0000

■ 46.1671, 43.0673,
50.1355

■ 46.1671, 43.0673,
50.1355

■ 41.7110, 35.8896,
43.3013

■ 51.2846, 51.4260,
57.6248

■ 37.8841, 29.8336,
37.1002

■ 57.0866, 61.0103,
65.7849

■ 34.6572, 24.8432,
31.5127

■ 63.5992, 71.8692,
74.6343

■ 31.9968, 20.8554,
26.5172

■ 70.8464, 84.0477,
84.1898

■ 29.8664, 17.8001,
22.0904

■ 75.0701, 90.0266,
93.2074

■ 28.2246, 15.5986,
18.2070

■ 76.7098, 90.6825,
101.8421

■ 27.0233, 14.1585,
14.8390

■ 77.8977, 91.1576,
108.0973

■ 26.1961, 13.3514,
11.9516

■ 26.0140, 13.1882,
11.2711

Harmonies

Analogous

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



44.8507, 43.0673, 57.5527



46.1671, 43.0673, 50.1355



46.0376, 43.0673, 42.5830

Triad

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



46.1671, 43.0673, 50.1355



39.4002, 43.0673, 34.2017



37.5603, 43.0673, 58.6323

Complementary

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



46.1671, 43.0673, 50.1355



45.3712, 53.3842, 53.8143

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.



36.2226, 43.0673, 51.4843



46.1671, 43.0673, 50.1355



37.2526, 43.0673, 37.6381

Square

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



46.1671, 43.0673, 50.1355



42.0512, 43.0673, 33.9248



36.1124, 43.0673, 43.7933



39.8371, 43.0673, 62.8050

Rectangle

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



46.1671, 43.0673, 50.1355



45.1488, 43.0673, 38.4693



36.1124, 43.0673, 43.7933



36.9903, 43.0673, 56.4644

Sweetspot

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



46.1683, 43.0692, 50.1364



90.0220, 91.6953, 101.8246



44.1077, 41.7644, 60.9956



19.1224, 19.3862, 21.5869



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.



46.1683, 43.0692, 50.1364



75.9492, 68.7304, 81.1624



44.8211, 42.8712, 41.9913



10.8321, 10.7162, 12.0991



16.4015, 8.3102, 7.3241



0.8130, 0.4081, 0.5387

Inverse Universe

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



46.1683, 43.0692, 50.1364



75.9492, 68.7304, 81.1624



46.8855, 53.5565, 63.1253



10.8321, 10.7162, 12.0991



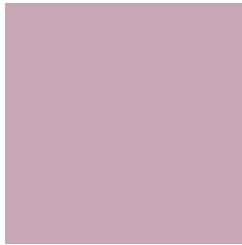
16.4015, 8.3102, 7.3241



0.8130, 0.4081, 0.5387

Previews

White Background



This preview shows how the XYZ color 46.1671, 43.0673, 50.1355 looks on a white background.

Color Contrast Check

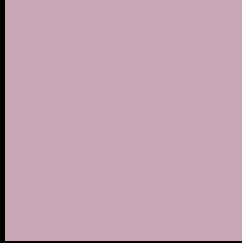
Large Text (above 18pt) WCAG AA × Fail

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 46.1671, 43.0673, 50.1355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

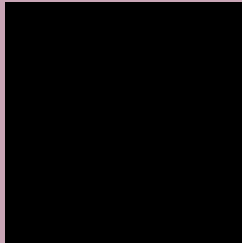
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.1671, 43.0673, 50.1355

Background



This preview shows how black text looks on a background with the XYZ color 46.1671, 43.0673, 50.1355.



This preview shows how white text looks on a background with the XYZ color 46.1671, 43.0673,

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

46.1671, 43.0673, 50.1355

Protanopia

41.9788, 43.3618, 53.1708

Deuteranopia

43.9504, 43.0328, 49.7058



Tritanopia

45.8603, 42.9446, 48.5199

Trichromacy



Original Color

46.1671, 43.0673, 50.1355

Protanomaly

43.2766, 43.1982, 51.9561

Deuteranomaly

44.7766, 43.1815, 49.6909

Tritanomaly

45.9618, 42.9852, 49.0545

Monochromacy



Original Color

46.1671, 43.0673, 50.1355

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.5224, 43.9659, 48.8402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1671, 43.0673, 50.1355 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(201, 166, 182)` looks like.

```
.text, #text, p{  
    color:rgb(201, 166, 182)  
}
```

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(201, 166, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 166, 182) }
```

Border

The CSS property to change the border of an element to XYZ 46.1671, 43.0673, 50.1355 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(201, 166, 182) }
```


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

```
.border{ border-color:rgb(201, 166, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 166, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 166, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 166, 182); box-shadow:4px 4px 4px 4px rgb(201, 166, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1671, 43.0673, 50.1355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 166, 182) }
```

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

```
.background{ background-color: rgb(201,  
166, 182) }
```

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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