

Converting Colors

XYZ(46.2971, 43.1796, 52.7559)

Have a look what the booklet for
XYZ(46.2971, 43.1796, 52.7559)
contains.

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Color

**XYZ(46.1590, 43.0024,
52.8812)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A6BB
RGB	199, 166, 187
RGB Percent	78%, 65%, 73%
CMY	0.2196, 0.3490, 0.2667
CMYK	0.00, 0.17, 0.06, 0.22
HSL	322°, 23%, 72%
HSV	322°, 17%, 78%
XYZ	46.1590, 43.0024, 52.8812
YIQ	178.2610, 12.9270, 13.5270

Conversions

Conversions Part 2

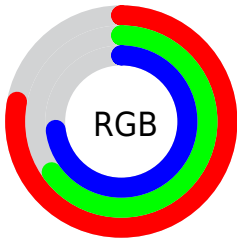
Format	Color
R _Y B	199, 166, 187
Decimal	13084347
CIE Lab	71.56, 15.62, -6.25
CIE LCh	72, 16.820, 338.190
Yxy	43.0024, 0.3250, 0.3027
Android (android.graphics.Color)	4291274427 (0xFFC7A6BB)
YUV	178.2610, 4.3083, 18.1881
Hunter-Lab	65.5762, 10.8875, -1.9086

Details

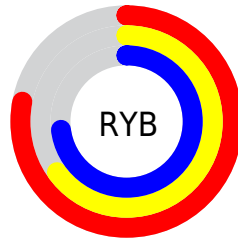
The XYZ color **46.1590, 43.0024, 52.8812** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1868, 52.1693, 49.8626**, and the grayscale version is **42.4292, 44.6388, 48.6117**.

A 20% lighter version of the original color is **83.2741, 79.4440, 95.7392**, and **21.9974, 19.7756, 25.2119** is the 20% darker color. If you saturate the color by 10%, you get **42.0626, 36.0180, 47.7894**, and if you desaturate by 10%, it is **50.8567, 51.1257, 58.3671**.

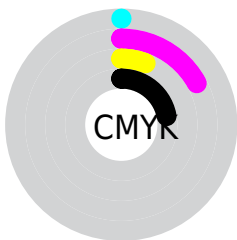
Distribution



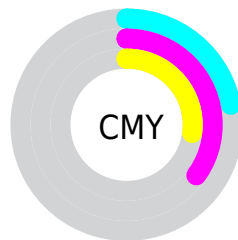
- Red (78%)
- Green (65%)
- Blue (73%)



- Red (78%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1590, 43.0024, 52.8812 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 46.1590, 43.0024, 52.8812 by changing the saturation by 10% instead.


 46.1590, 43.0024,
52.8812


 46.1590, 43.0024,
52.8812


362.1527,
358.6216, 414.8825

 32.5765, 29.8870,
37.3209


 83.6833, 79.7145,
95.8693

 21.9599, 19.7528,
25.1583


 108.3558,
104.0800, 124.1342

 13.9439, 12.2155,
15.9749


137.4556,
132.9642, 157.4709

 8.1631, 6.8906,
9.3523

171.3482,
166.7517, 196.2982

 4.2521, 3.3938,
4.8717

210.3988,
205.8268, 241.0344

 1.8457, 1.3406,
2.1148

254.9729,

 0.5450, 0.1723,

250.5739, 292.0982

0.6245

305.4358,
301.3774, 349.9080

■ 0.0000, 0.0000,
0.0000

■ 46.1590, 43.0024,
52.8812

■ 46.1590, 43.0024,
52.8812

■ 42.0626, 36.0180,
47.7894

■ 50.8567, 51.1257,
58.3671

■ 38.5376, 30.1152,
43.0773

■ 56.1764, 60.4304,
64.2553

■ 35.5568, 25.2404,
38.7337

■ 62.1426, 70.9638,
70.5571

■ 33.0897, 21.3330,
34.7454

■ 68.7773, 82.7690,
77.2825

■ 31.1022, 18.3262,
31.0979

■ 72.6578, 89.0000,
83.2931

■ 29.5561, 16.1445,
27.7756

■ 73.6559, 89.3992,
88.5487

■ 28.4069, 14.6999,
24.7603

■ 74.6962, 89.8153,
94.0268

■ 27.5967, 13.8777,
22.0296

■ 75.7792, 90.2485,
99.7299

■ 27.3601, 13.6649,
21.1482

■ 76.9054, 90.6990,
105.6606

Harmonies

Analogous

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



44.3452, 43.0024, 60.2321



46.1590, 43.0024, 52.8812



46.5237, 43.0024, 44.6280

Triad

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



46.1590, 43.0024, 52.8812



40.0989, 43.0024, 32.9766



36.7260, 43.0024, 57.1807

Complementary

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



46.1590, 43.0024, 52.8812



44.1868, 52.1693, 49.8626

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.



35.6985, 43.0024, 49.0874



46.1590, 43.0024, 52.8812



37.5860, 43.0024, 35.5670

Square

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



46.1590, 43.0024, 52.8812



42.9367, 43.0024, 33.7430



36.0059, 43.0024, 41.2448



38.8755, 43.0024, 62.9079

Rectangle

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



46.1590, 43.0024, 52.8812



45.8808, 43.0024, 39.8112



36.0059, 43.0024, 41.2448



36.2426, 43.0024, 54.6117

Sweetspot

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



46.1602, 43.0043, 52.8821



90.3789, 91.8381, 103.7044



42.2038, 40.8100, 59.6861



19.2092, 19.4209, 22.0439



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.



46.1602, 43.0043, 52.8821



78.0391, 70.5282, 89.2025



44.5368, 42.3549, 44.3331



10.9131, 10.7486, 12.5256



17.6363, 8.8041, 13.8264



0.8690, 0.4304, 0.8331

Inverse Universe

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



46.1602, 43.0043, 52.8821



78.0391, 70.5282, 89.2025



45.8939, 52.8521, 58.8518



10.9131, 10.7486, 12.5256



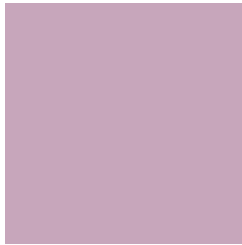
17.6363, 8.8041, 13.8264



0.8690, 0.4304, 0.8331

Previews

White Background



This preview shows how the XYZ color 46.1590, 43.0024, 52.8812 looks on a white background.

Color Contrast Check

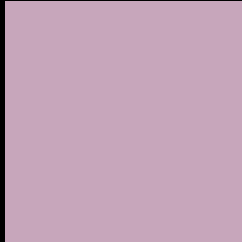
Large Text (above 18pt) WCAG AA × Fail

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 46.1590, 43.0024, 52.8812 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 46.1590, 43.0024, 52.8812

Background



This preview shows how black text looks on a background with the XYZ color 46.1590, 43.0024, 52.8812.



This preview shows how white text looks on a background with the XYZ color 46.1590, 43.0024,

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

46.1590, 43.0024, 52.8812

Protanopia

42.1060, 43.0765, 55.9645

Deuteranopia

43.9767, 42.9860, 52.4337



Tritanopia

45.3456, 42.9385, 49.0780

Trichromacy



Original Color

46.1590, 43.0024, 52.8812

Protanomaly

43.3856, 42.9108, 54.7111

Deuteranomaly

44.7891, 43.1276, 52.4182

Tritanomaly

45.6547, 43.0621, 50.7053

Monochromacy



Original Color

46.1590, 43.0024, 52.8812

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.7262, 44.0474, 49.9134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1590, 43.0024, 52.8812 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(199, 166, 187)` looks like.

```
.text, #text, p{  
    color:rgb(199, 166, 187)  
}
```

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(199, 166, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 166, 187) }
```

Border

The CSS property to change the border of an element to XYZ 46.1590, 43.0024, 52.8812 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(199, 166, 187) }
```


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

```
.border{ border-color:rgb(199, 166, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 166, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 166, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 166, 187);  
box-shadow:4px 4px 4px 4px rgb(199, 166,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1590, 43.0024, 52.8812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 166, 187) }
```

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

```
.background{ background-color: rgb(199,  
166, 187) }
```

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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