

Converting Colors

XYZ(43.5797, 42.0245, 46.6804)

Have a look what the booklet for
XYZ(43.5797, 42.0245, 46.6804)
contains.

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Color

**XYZ(43.6475, 42.1095,
46.9018)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A7B0
RGB	193, 167, 176
RGB Percent	76%, 65%, 69%
CMY	0.2431, 0.3451, 0.3098
CMYK	0.00, 0.13, 0.09, 0.24
HSL	339°, 17%, 71%
HSV	339°, 13%, 76%
XYZ	43.6475, 42.1095, 46.9018
YIQ	175.8000, 12.6070, 8.3110

Conversions

Conversions Part 2

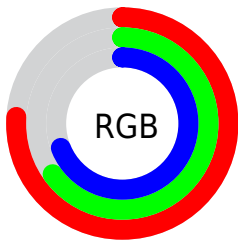
Format	Color
R_{YB}	193, 167, 176
Decimal	12691376
CIE _{Lab}	70.95, 10.99, -1.14
CIE _{LCh}	71, 11.044, 354.088
Yxy	42.1095, 0.3290, 0.3174
Android (android.graphics.Color)	4290881456 (0xFFC1A7B0)
YUV	175.8000, 0.0986, 15.0844
Hunter-Lab	64.8918, 6.5018, 2.5713

Details

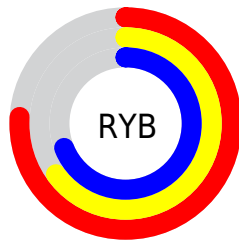
The XYZ color **43.6475, 42.1095, 46.9018** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.6597, 49.8172, 52.6643**, and the grayscale version is **41.1586, 43.3020, 47.1559**.

A 20% lighter version of the original color is **80.1111, 78.3927, 87.2529**, and **20.4163, 19.2057, 21.6998** is the 20% darker color. If you saturate the color by 10%, you get **39.1812, 35.0828, 39.5359**, and if you desaturate by 10%, it is **48.7600, 50.2417, 55.0570**.

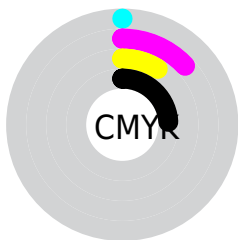
Distribution



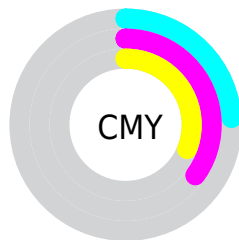
- Red (76%)
- Green (65%)
- Blue (69%)



- Red (76%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (24%)




- Cyan (24%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6475, 42.1095, 46.9018 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 43.6475, 42.1095, 46.9018 by changing the saturation by 10% instead.


 43.6475, 42.1095,
46.9018


 43.6475, 42.1095,
46.9018


352.1444,
354.9367, 390.8048

 30.5902, 29.1870,
32.6042


 79.9367, 78.3653,
86.9155

 20.4373, 19.2224,
21.5548


 103.8993,
102.4675, 113.4687

 12.8234, 11.8311,
13.3350


132.2277,
131.0650, 144.9441

 7.3832, 6.6287,
7.5262

165.2873,
164.5422, 181.7605

 3.7514, 3.2310,
3.7099

203.4434,
203.2836, 224.3361

 1.5624, 1.2535,
1.4676

247.0614,

 0.3677, 0.1048,

247.6736, 273.0897

0.1936

296.5066,
298.0965, 328.4398

■ 0.0000, 0.0000,
0.0000

■ 43.6475, 42.1095,
46.9018

■ 43.6475, 42.1095,
46.9018

■ 39.1812, 35.0828,
39.5359

■ 48.7600, 50.2417,
55.0570

■ 35.3310, 29.1082,
32.9321

■ 54.5400, 59.5187,
64.0220

■ 32.0698, 24.1361,
27.0659

■ 61.0123, 69.9847,
73.8199

■ 29.3670, 20.1109,
21.9099

■ 68.1990, 81.6800,
84.4721

■ 27.1892, 16.9712,
17.4351

■ 73.3481, 89.0958,
95.0745

■ 25.4989, 14.6486,
13.6103

■ 75.2799, 89.8685,
105.2470

■ 24.2536, 13.0643,
10.4011

■ 75.8025, 90.0776,
107.9992

■ 23.4026, 12.1239,
7.7694

■ 22.9994, 11.7403,
6.3314

Harmonies

Analogous

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



42.9585, 42.1095, 52.0544



43.6475, 42.1095, 46.9018



43.3417, 42.1095, 41.8373

Triad

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



43.6475, 42.1095, 46.9018



38.5970, 42.1095, 37.2072



37.9841, 42.1095, 54.5569

Complementary

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



43.6475, 42.1095, 46.9018



43.6597, 49.8172, 52.6643

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.



36.8797, 42.1095, 50.1116



43.6475, 42.1095, 46.9018



37.2259, 42.1095, 40.1595

Square

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



43.6475, 42.1095, 46.9018



40.3894, 42.1095, 36.4911



36.6065, 42.1095, 44.8142



39.6605, 42.1095, 56.6864

Rectangle

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



43.6475, 42.1095, 46.9018



42.6195, 42.1095, 39.1548



36.6065, 42.1095, 44.8142



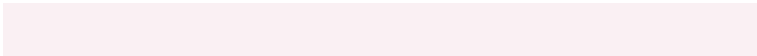
37.5357, 42.1095, 53.2682

Sweetspot

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



43.6487, 42.1114, 46.9027



86.7529, 89.0622, 97.7003



43.1890, 41.6677, 56.2189



18.4545, 18.8563, 20.7126



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.6487, 42.1114, 46.9027



75.8355, 71.7257, 80.1932



43.5128, 43.2174, 42.6099



10.2139, 10.1342, 11.2168



15.3315, 7.8223, 4.3916



0.6952, 0.3511, 0.3623

Inverse Universe

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



43.6487, 42.1114, 46.9027



75.8355, 71.7257, 80.1932



43.7825, 48.5051, 57.5074



10.2139, 10.1342, 11.2168



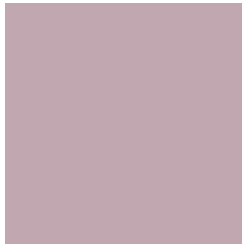
15.3315, 7.8223, 4.3916



0.6952, 0.3511, 0.3623

Previews

White Background



This preview shows how the XYZ color 43.6475, 42.1095, 46.9018 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 43.6475, 42.1095, 46.9018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

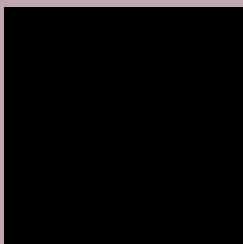
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6475, 42.1095, 46.9018

Background



This preview shows how black text looks on a background with the XYZ color 43.6475, 42.1095, 46.9018.



This preview shows how white text looks on a background with the XYZ color 43.6475, 42.1095,

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

43.6475, 42.1095, 46.9018

Protanopia

40.7594, 42.2558, 48.6558

Deuteranopia

43.0743, 42.0870, 46.9276



Tritanopia

43.7652, 41.8646, 48.4218

Trichromacy



Original Color

43.6475, 42.1095, 46.9018

Protanomaly

41.8902, 42.2853, 48.0735

Deuteranomaly

43.3250, 42.2162, 46.9394

Tritanomaly

43.6644, 41.8242, 47.8910

Monochromacy



Original Color

43.6475, 42.1095, 46.9018

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.0714, 42.9668, 47.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6475, 42.1095, 46.9018 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(193, 167, 176)` looks like.

```
.text, #text, p{  
    color:rgb(193, 167, 176)  
}
```

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(193, 167, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 167, 176) }
```

Border

The CSS property to change the border of an element to XYZ 43.6475, 42.1095, 46.9018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

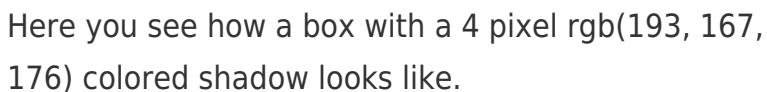
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 167, 176) }
```


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

```
.border{ border-color:rgb(193, 167, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 167, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 167, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 167, 176); box-shadow:4px 4px 4px 4px rgb(193, 167, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6475, 42.1095, 46.9018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 167, 176) }
```

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

```
.background{ background-color: rgb(193,  
167, 176) }
```

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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