

Converting Colors

XYZ(42.9200, 41.1148, 46.9791)

Have a look what the booklet for
XYZ(42.9200, 41.1148, 46.9791)
contains.

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Color

**XYZ(43.0298, 41.2513,
46.7687)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A5B0
RGB	192, 165, 176
RGB Percent	75%, 65%, 69%
CMY	0.2471, 0.3529, 0.3098
CMYK	0.00, 0.14, 0.08, 0.25
HSL	336°, 18%, 70%
HSV	336°, 14%, 75%
XYZ	43.0298, 41.2513, 46.7687
YIQ	174.3270, 12.5610, 9.1450

Conversions

Conversions Part 2

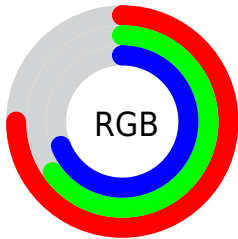
Format	Color
RYB	192, 165, 176
Decimal	12625328
CIELab	70.35, 11.72, -2.02
CIELCh	70, 11.893, 350.221
Yxy	41.2513, 0.3283, 0.3148
Android (android.graphics.Color)	4290815408 (0xFFC0A5B0)
YUV	174.3270, 0.8248, 15.4992
Hunter-Lab	64.2272, 7.1908, 1.7855

Details

The XYZ color **43.0298, 41.2513, 46.7687** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7087, 49.0358, 50.9322**, and the grayscale version is **40.3925, 42.4961, 46.2783**.

A 20% lighter version of the original color is **79.2256, 77.1523, 87.0602**, and **20.0245, 18.6688, 21.6168** is the 20% darker color. If you saturate the color by 10%, you get **38.7444, 34.4070, 40.0164**, and if you desaturate by 10%, it is **47.9319, 49.1768, 54.1933**.

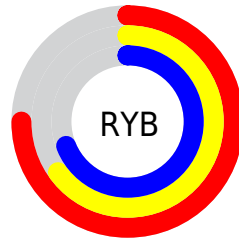
Distribution



Red (75%)

Green (65%)

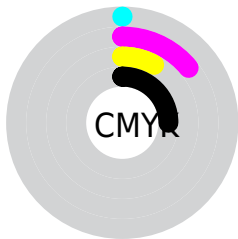
Blue (69%)



Red (75%)

Yellow (65%)

Blue (69%)

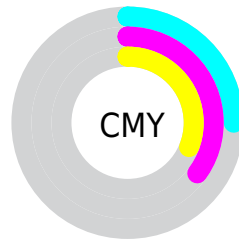


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0298, 41.2513, 46.7687 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 43.0298, 41.2513, 46.7687 by changing the saturation by 10% instead.

 43.0298, 41.2513,
46.7687


 43.0298, 41.2513,
46.7687


349.6537,
351.3698, 390.2575

 30.1031, 28.5155,
32.4998


 79.0113, 77.0652,
86.7146

 20.0653, 18.7146,
21.4756


 102.7967,
100.9121, 113.2287

 12.5511, 11.4642,
13.2774


130.9326,
129.2316, 144.6617

 7.1950, 6.3800,
7.4869

163.7840,
162.4079, 181.4320

 3.6318, 3.0775,
3.6854

201.7165,
200.8254, 223.9581

 1.4960, 1.1723,
1.4544

245.0954,

 0.3231, 0.0389,

244.8687, 272.6588

0.1836

294.2860,
294.9220, 327.9524

■ 0.0000, 0.0000,
0.0000

■ 43.0298, 41.2513,
46.7687

■ 43.0298, 41.2513,
46.7687

■ 38.7444, 34.4070,
40.0164

■ 47.9319, 49.1768,
54.1933

■ 35.0467, 28.5913,
33.9138

■ 53.4710, 58.2222,
62.3063

■ 31.9106, 23.7554,
28.4410

■ 59.6708, 68.4310,
71.1269

■ 29.3068, 19.8444,
23.5757

■ 66.5528, 79.8428,
80.6723

■ 27.2029, 16.7978,
19.2945

■ 72.1917, 88.6039,
90.3109

■ 25.5629, 14.5479,
15.5718

■ 73.8695, 89.2750,
99.1463

■ 24.3455, 13.0169,
12.3797

■ 75.5484, 89.9466,
107.9873

■ 23.5012, 12.1107,
9.6866

■ 23.1211, 11.7596,
8.2984

Harmonies

Analogous

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



42.1681, 41.2513, 52.1606



43.0298, 41.2513, 46.7687



42.8417, 41.2513, 41.2969

Triad

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



43.0298, 41.2513, 46.7687



37.9233, 41.2513, 35.5534



36.8522, 41.2513, 53.7062

Complementary

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



43.0298, 41.2513, 46.7687



42.7087, 49.0358, 50.9322

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.



35.7860, 41.2513, 48.7399



43.0298, 41.2513, 46.7687



36.3900, 41.2513, 38.3747

Square

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



43.0298, 41.2513, 46.7687



39.8499, 41.2513, 35.1213



35.6197, 41.2513, 43.1122



38.5732, 41.2513, 56.3801

Rectangle

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



43.0298, 41.2513, 46.7687



42.1485, 41.2513, 38.3173



35.6197, 41.2513, 43.1122



36.4078, 41.2513, 52.2311

Sweetspot

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



43.0310, 41.2531, 46.7696



86.8458, 89.0994, 98.1893



41.9685, 40.5116, 55.4772



18.4780, 18.8657, 20.8363



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.



43.0310, 41.2531, 46.7696



75.3552, 70.5546, 80.6822



42.3957, 41.6540, 41.4050



10.2395, 10.1444, 11.3515



15.5944, 7.9275, 5.7762



0.7079, 0.3562, 0.4294

Inverse Universe

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



43.0310, 41.2531, 46.7696



75.3552, 70.5546, 80.6822



43.3921, 48.5248, 56.9488



10.2395, 10.1444, 11.3515



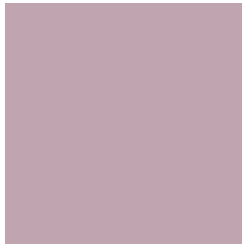
15.5944, 7.9275, 5.7762



0.7079, 0.3562, 0.4294

Previews

White Background



This preview shows how the XYZ color 43.0298, 41.2513, 46.7687 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 43.0298, 41.2513, 46.7687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

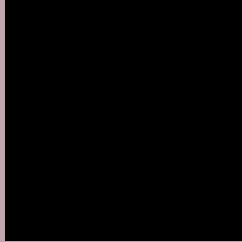
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0298, 41.2513, 46.7687

Background



This preview shows how black text looks on a background with the XYZ color 43.0298, 41.2513, 46.7687.



This preview shows how white text looks on a background with the XYZ color 43.0298, 41.2513,

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

43.0298, 41.2513, 46.7687

Protanopia

40.0347, 41.3053, 49.0427

Deuteranopia

42.1487, 41.3368, 46.8316



Tritanopia

43.2292, 41.3311, 47.8188

Trichromacy



Original Color

43.0298, 41.2513, 46.7687

Protanomaly

41.1470, 41.3339, 48.4574

Deuteranomaly

42.4590, 41.2258, 46.7939

Tritanomaly

43.1292, 41.2911, 47.2918

Monochromacy



Original Color

43.0298, 41.2513, 46.7687

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.3568, 42.0447, 46.4931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0298, 41.2513, 46.7687 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(192, 165, 176)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 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(192, 165, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 176) }
```

Border

The CSS property to change the border of an element to XYZ 43.0298, 41.2513, 46.7687 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(192, 165, 176) }
```


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

```
.border{ border-color:rgb(192, 165, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 176);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0298, 41.2513, 46.7687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 176) }
```

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

```
.background{ background-color: rgb(192,  
165, 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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