

Converting Colors

XYZ(42.8842, 41.5122, 43.7826)

Have a look what the booklet for
XYZ(42.8842, 41.5122, 43.7826)
contains.

XYZ(42.8842, 41.5122, 43.7826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.8842, 41.5122,
43.7826)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A6AA
RGB	193, 166, 170
RGB Percent	76%, 65%, 67%
CMY	0.2431, 0.3490, 0.3333
CMYK	0.00, 0.14, 0.12, 0.24
HSL	351°, 18%, 70%
HSV	351°, 14%, 76%
XYZ	42.8842, 41.5122, 43.7826
YIQ	174.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

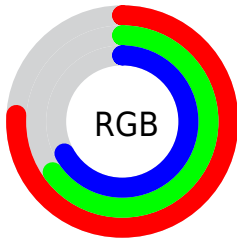
Format	Color
RYB	193, 166, 170
Decimal	12691114
CIELab	70.53, 10.50, 1.58
CIELCh	71, 10.621, 8.532
Yxy	41.5122, 0.3346, 0.3239
Android (android.graphics.Color)	4290881194 (0xFFC1A6AA)
YUV	174.5290, -2.2328, 16.1991
Hunter-Lab	64.4300, 6.0561, 4.8112

Details

The XYZ color **42.8842, 41.5122, 43.7826** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9828, 49.9220, 55.4643**, and the grayscale version is **40.5111, 42.6208, 46.4141**.

A 20% lighter version of the original color is **78.8714, 77.4731, 82.0310**, and **19.9348, 18.8316, 19.7237** is the 20% darker color. If you saturate the color by 10%, you get **38.1763, 34.4317, 35.0131**, and if you desaturate by 10%, it is **48.3155, 49.7273, 53.7541**.

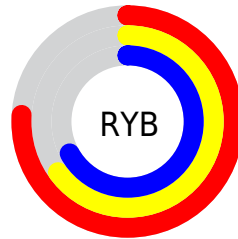
Distribution



Red (76%)

Green (65%)

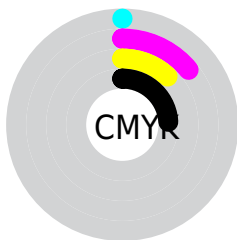
Blue (67%)



Red (76%)

Yellow (65%)

Blue (67%)

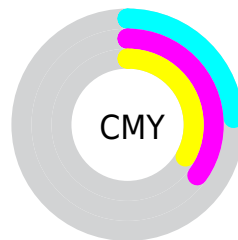


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8842, 41.5122, 43.7826 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 42.8842, 41.5122, 43.7826 by changing the saturation by 10% instead.

 42.8842, 41.5122,
43.7826


 42.8842, 41.5122,
43.7826

349.0649,
352.4568, 377.8357

 29.9884, 28.7195,
30.1637


 78.7929, 77.4608,
82.1895

 19.9778, 18.8687,
19.7098


 102.5365,
101.3856, 107.8146

 12.4871, 11.5755,
12.0023

130.6267,
129.7898, 138.2788

 7.1509, 6.4553,
6.6227

163.4289,
163.0579, 174.0006

 3.6038, 3.1239,
3.1524

201.3085,
201.5742, 215.3987

 1.4805, 1.1967,
1.1730

244.6308,

 0.3125, 0.0590,

245.7232, 262.8916

0.0000

293.7612,
295.8893, 316.8978

■ 0.0000, 0.0000,
0.0000

■ 42.8842, 41.5122,
43.7826

■ 42.8842, 41.5122,
43.7826

■ 38.1763, 34.4317,
35.0131

■ 48.3155, 49.7273,
53.7541

■ 34.1578, 28.4305,
27.3976

■ 54.4954, 59.1178,
64.9681

■ 30.7972, 23.4572,
20.8884

■ 61.4523, 69.7297,
77.4662

■ 28.0590, 19.4540,
15.4339

■ 69.2118, 81.6045,
91.2875

■ 25.9044, 16.3572,
10.9781

■ 75.3574, 89.8995,
105.6557

■ 24.2902, 14.0956,
7.4596

■ 75.8025, 90.0775,
107.9992

■ 23.1672, 12.5874,
4.8105

■ 22.4765, 11.7339,
2.9529

■ 22.2090, 11.4241,
2.1693

Harmonies

Analogous

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



42.6768, 41.5122, 48.8255



42.8842, 41.5122, 43.7826



42.1520, 41.5122, 39.4489

Triad

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



42.8842, 41.5122, 43.7826



37.3934, 41.5122, 38.0611



38.2353, 41.5122, 54.7916

Complementary

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



42.8842, 41.5122, 43.7826



43.9828, 49.9220, 55.4643

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.



36.8777, 41.5122, 51.4839



42.8842, 41.5122, 43.7826



36.4017, 41.5122, 41.7581

Square

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



42.8842, 41.5122, 43.7826



38.9581, 41.5122, 36.3096



36.2157, 41.5122, 46.6471



39.9583, 41.5122, 55.4341

Rectangle

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



42.8842, 41.5122, 43.7826



41.2419, 41.5122, 37.4559



36.2157, 41.5122, 46.6471



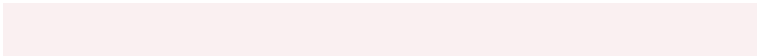
37.7226, 41.5122, 53.9434

Sweetspot

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



42.8854, 41.5140, 43.7835



86.4549, 88.9430, 96.1310



44.2370, 41.9371, 56.2155



18.3792, 18.8262, 20.3161



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.



42.8854, 41.5140, 43.7835



73.9026, 69.9735, 73.0328



44.2942, 44.9276, 42.4161



10.1326, 10.1017, 10.7889



14.7901, 7.6058, 1.5408



0.6589, 0.3366, 0.1712

Inverse Universe

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



42.8854, 41.5140, 43.7835



73.9026, 69.9735, 73.0328



42.4002, 46.0530, 57.1068



10.1326, 10.1017, 10.7889



14.7901, 7.6058, 1.5408



0.6589, 0.3366, 0.1712

Previews

White Background



This preview shows how the XYZ color 42.8842, 41.5122, 43.7826 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 42.8842, 41.5122, 43.7826 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 42.8842, 41.5122, 43.7826

Background



This preview shows how black text looks on a background with the XYZ color 42.8842, 41.5122, 43.7826.



This preview shows how white text looks on a background with the XYZ color 42.8842, 41.5122,

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

42.8842, 41.5122, 43.7826

Protanopia

39.9745, 41.6361, 45.4649

Deuteranopia

42.3096, 41.4869, 43.8080



Tritanopia

43.7391, 41.5940, 47.8426

Trichromacy



Original Color

42.8842, 41.5122, 43.7826

Protanomaly

41.1125, 41.6731, 44.9066

Deuteranomaly

42.5603, 41.6161, 43.8197

Tritanomaly

43.4411, 41.4747, 46.2733

Monochromacy



Original Color

42.8842, 41.5122, 43.7826

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.5868, 42.4673, 45.5403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8842, 41.5122, 43.7826 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, 166, 170)` looks like.

```
.text, #text, p{  
    color:rgb(193, 166, 170)  
}
```

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, 166, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 166, 170) }
```

Border

The CSS property to change the border of an element to XYZ 42.8842, 41.5122, 43.7826 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, 166, 170) }
```


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

```
.border{ border-color:rgb(193, 166, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 166, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 166, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 166, 170);  
box-shadow:4px 4px 4px 4px rgb(193, 166,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8842, 41.5122, 43.7826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 166, 170) }
```

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

```
.background{ background-color: rgb(193,  
166, 170) }
```

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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