

Converting Colors

XYZ(44.2726, 42.9799, 47.0368)

Have a look what the booklet for
XYZ(44.2726, 42.9799, 47.0368)
contains.

XYZ(44.2726, 42.9799, 47.0368)	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(44.2726, 42.9799,
47.0368)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A9B0
RGB	194, 169, 176
RGB Percent	76%, 66%, 69%
CMY	0.2392, 0.3372, 0.3098
CMYK	0.00, 0.13, 0.09, 0.24
HSL	343°, 17%, 71%
HSV	343°, 13%, 76%
XYZ	44.2726, 42.9799, 47.0368
YIQ	177.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

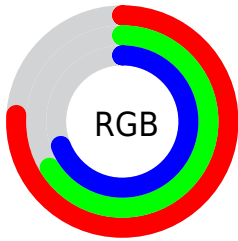
Format	Color
RYB	194, 169, 176
Decimal	12757424
CIELab	71.54, 10.25, -0.26
CIELCh	72, 10.257, 358.567
Yxy	42.9799, 0.3297, 0.3201
Android (android.graphics.Color)	4290947504 (0xFFC2A9B0)
YUV	177.2730, -0.6276, 14.6696
Hunter-Lab	65.5591, 5.8142, 3.3524

Details

The XYZ color **44.2726, 42.9799, 47.0368** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6253, 50.6076, 54.4325**, and the grayscale version is **41.9330, 44.1168, 48.0432**.

A 20% lighter version of the original color is **81.0048, 79.6467, 87.4479**, and **20.8146, 19.7533, 21.7845** is the 20% darker color. If you saturate the color by 10%, you get **39.6161, 35.7659, 39.0124**, and if you desaturate by 10%, it is **49.6093, 51.3256, 55.9908**.

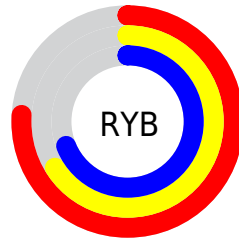
Distribution



Red (76%)

Green (66%)

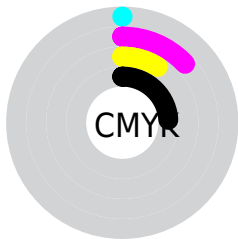
Blue (69%)



Red (76%)

Yellow (66%)

Blue (69%)

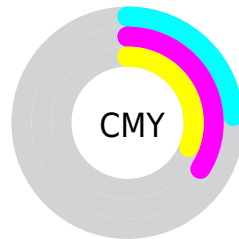


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2726, 42.9799, 47.0368 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 44.2726, 42.9799, 47.0368 by changing the saturation by 10% instead.


 44.2726, 42.9799,
47.0368


 44.2726, 42.9799,
47.0368


354.6530,
358.5291, 391.3594

 31.0837, 29.8693,
32.7102


 80.8716, 79.6805,
87.1191

 20.8147, 19.7394,
21.6352


 105.0124,
104.0394, 113.7119

 13.1003, 12.2058,
13.3934


133.5346,
132.9165, 145.2305

 7.5751, 6.8840,
7.5661

166.8034,
166.6962, 182.0934

 3.8738, 3.3897,
3.7348

205.1843,
205.7629, 224.7192

 1.6310, 1.3384,
1.4810

249.0427,

 0.4125, 0.1706,

250.5010, 273.5265

0.2037

298.7438,
301.2950, 328.9337

■ 0.0000, 0.0000,
0.0000

■ 44.2726, 42.9799,
47.0368

■ 44.2726, 42.9799,
47.0368

■ 39.6161, 35.7659,
39.0124

■ 49.6093, 51.3256,
55.9908

■ 35.6084, 29.6293,
31.8845

■ 55.6488, 60.8430,
65.9007

■ 32.2209, 24.5195,
25.6220

■ 62.4169, 71.5772,
76.7949

■ 29.4216, 20.3800,
20.1908

■ 69.9372, 83.5692,
88.7000

■ 27.1754, 17.1485,
15.5545

■ 74.6201, 89.6342,
100.4375

■ 25.4432, 14.7556,
11.6738

■ 76.0584, 90.2095,
108.0112

■ 24.1806, 13.1216,
8.5057

■ 23.3351, 12.1512,
6.0020

■ 22.9213, 11.7386,
4.5848

Harmonies

Analogous

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



43.7599, 42.9799, 51.9515



44.2726, 42.9799, 47.0368



43.8472, 42.9799, 42.3824

Triad

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



44.2726, 42.9799, 47.0368



39.2788, 42.9799, 38.9090



39.1384, 42.9799, 55.4193

Complementary

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



44.2726, 42.9799, 47.0368



44.6253, 50.6076, 54.4325

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.



37.9947, 42.9799, 51.5097



44.2726, 42.9799, 47.0368



38.0742, 42.9799, 41.9967

Square

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



44.2726, 42.9799, 47.0368



40.9345, 42.9799, 37.8936



37.6106, 42.9799, 46.5596



40.7679, 42.9799, 56.9978

Rectangle

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



44.2726, 42.9799, 47.0368



43.0954, 42.9799, 40.0033



37.6106, 42.9799, 46.5596



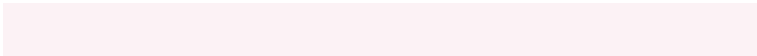
38.6861, 42.9799, 54.3211

Sweetspot

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



44.2738, 42.9818, 47.0377



88.6737, 91.0970, 99.4389



44.4002, 42.8273, 56.9659



19.2491, 19.6835, 21.4939



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.



44.2738, 42.9818, 47.0377



78.1177, 74.6142, 81.6488



44.6277, 44.7691, 43.8276



10.1865, 10.1232, 11.0726



15.1005, 7.7299, 3.1753



0.6828, 0.3461, 0.2973

Inverse Universe

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



44.2738, 42.9818, 47.0377



78.1177, 74.6142, 81.6488



44.2094, 48.5476, 58.0800



10.1865, 10.1232, 11.0726



15.1005, 7.7299, 3.1753



0.6828, 0.3461, 0.2973

Previews

White Background



This preview shows how the XYZ color 44.2726, 42.9799, 47.0368 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 44.2726, 42.9799, 47.0368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

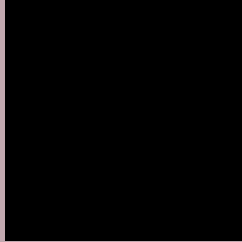
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2726, 42.9799, 47.0368

Background



This preview shows how black text looks on a background with the XYZ color 44.2726, 42.9799, 47.0368.



This preview shows how white text looks on a background with the XYZ color 44.2726, 42.9799,

47.0368.

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

44.2726, 42.9799, 47.0368

Protanopia

41.4042, 42.8739, 48.7411

Deuteranopia

43.9494, 43.0905, 47.0752



Tritanopia

44.8488, 42.9436, 49.6412

Trichromacy



Original Color

44.2726, 42.9799, 47.0368

Protanomaly

42.3168, 42.7867, 48.1478

Deuteranomaly

44.2035, 43.2215, 47.0871

Tritanomaly

44.6450, 42.8620, 48.5680

Monochromacy



Original Color

44.2726, 42.9799, 47.0368

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.6003, 43.5137, 47.7487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2726, 42.9799, 47.0368 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(194, 169, 176)` looks like.

```
.text, #text, p{  
    color:rgb(194, 169, 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(194, 169, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 169, 176) }
```

Border

The CSS property to change the border of an element to XYZ 44.2726, 42.9799, 47.0368 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(194, 169, 176) }
```


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

```
.border{ border-color:rgb(194, 169, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 169, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 169, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 169, 176);  
box-shadow:4px 4px 4px 4px rgb(194, 169,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2726, 42.9799, 47.0368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 169, 176) }
```

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

```
.background{ background-color: rgb(194,  
169, 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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