

Converting Colors

XYZ(42.4566, 40.9237, 43.5849)

Have a look what the booklet for
XYZ(42.4566, 40.9237, 43.5849)
contains.

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Color

**XYZ(42.4491, 41.0190,
43.7104)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A5AA
RGB	192, 165, 170
RGB Percent	75%, 65%, 67%
CMY	0.2471, 0.3529, 0.3333
CMYK	0.00, 0.14, 0.11, 0.25
HSL	349°, 18%, 70%
HSV	349°, 14%, 75%
XYZ	42.4491, 41.0190, 43.7104
YIQ	173.6430, 14.4870, 7.2790

Conversions

Conversions Part 2

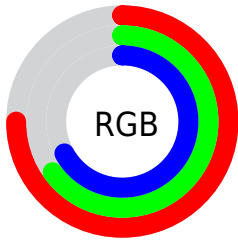
Format	Color
R_{YB}	192, 165, 170
Decimal	12625322
CIE _{Lab}	70.19, 10.69, 1.06
CIE _{LCh}	70, 10.738, 5.685
Yxy	41.0190, 0.3338, 0.3225
Android (android.graphics.Color)	4290815402 (0xFFC0A5AA)
YUV	173.6430, -1.7960, 16.0991
Hunter-Lab	64.0461, 6.2274, 4.3678

Details

The XYZ color **42.4491, 41.0190, 43.7104** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.3380, 49.2876, 54.2454**, and the grayscale version is **40.0537, 42.1396, 45.8900**.

A 20% lighter version of the original color is **78.2507, 76.7624, 81.9265**, and **19.6564, 18.5215, 19.6786** is the 20% darker color. If you saturate the color by 10%, you get **37.8496, 34.0491, 35.3043**, and if you desaturate by 10%, it is **47.7470, 49.1029, 53.2195**.

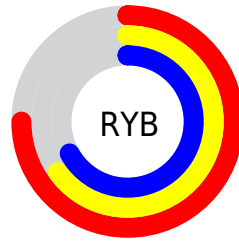
Distribution



Red (75%)

Green (65%)

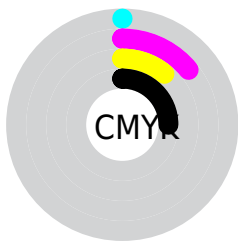
Blue (67%)



Red (75%)

Yellow (65%)

Blue (67%)

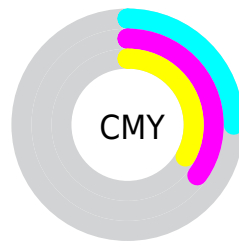


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4491, 41.0190, 43.7104 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 42.4491, 41.0190, 43.7104 by changing the saturation by 10% instead.

■ 42.4491, 41.0190,
43.7104

■ 42.4491, 41.0190,
43.7104

347.3013,
350.4000, 377.5319

■ 29.6458, 28.3339,
30.1074

■ 78.1398, 76.7127,
82.0796

■ 19.7166, 18.5775,
19.6674

■ 101.7578,
100.4902, 107.6829

■ 12.2963, 11.3654,
11.9718

129.7115,
128.7339, 138.1233

■ 7.0194, 6.3132,
6.6022

162.3661,
161.8283, 173.8195

■ 3.5207, 3.0364,
3.1399

200.0870,
200.1576, 215.1899

■ 1.4347, 1.1508,
1.1665

243.2396,

■ 0.2808, 0.0209,

244.1065, 262.6530

0.0000

292.1893,
294.0591, 316.6275

■ 0.0000, 0.0000,
0.0000

■ 42.4491, 41.0190,
43.7104

■ 42.4491, 41.0190,
43.7104

■ 37.8496, 34.0491,
35.3043

■ 47.7470, 49.1029,
53.2195

■ 33.9158, 28.1389,
27.9584

■ 53.7674, 58.3408,
63.8669

■ 30.6175, 23.2381,
21.6310

■ 60.5373, 68.7777,
75.6898

■ 27.9208, 19.2899,
16.2766

■ 68.0816, 80.4544,
88.7227

■ 25.7885, 16.2320,
11.8463

■ 74.4780, 89.5184,
102.3501

■ 24.1795, 13.9946,
8.2867

■ 75.5485, 89.9466,
107.9873

■ 23.0465, 12.4973,
5.5388

■ 22.3332, 11.6435,
3.5358

■ 22.0499, 11.3312,
2.6572

Harmonies

Analogous

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



42.1500, 41.0190, 48.7691



42.4491, 41.0190, 43.7104



41.7982, 41.0190, 39.2495

Triad

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



42.4491, 41.0190, 43.7104



37.0483, 41.0190, 37.2511



37.6118, 41.0190, 54.0798

Complementary

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



42.4491, 41.0190, 43.7104



43.3380, 49.2876, 54.2454

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.



36.3054, 41.0190, 50.5520



42.4491, 41.0190, 43.7104



35.9869, 41.0190, 40.7936

Square

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



42.4491, 41.0190, 43.7104



38.6534, 41.0190, 35.7044



35.7191, 41.0190, 45.6288



39.3232, 41.0190, 55.0066

Rectangle

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



42.4491, 41.0190, 43.7104



40.9244, 41.0190, 37.1335



35.7191, 41.0190, 45.6288



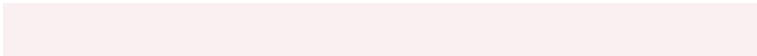
37.1124, 41.0190, 53.1465

Sweetspot

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



42.4503, 41.0208, 43.7113



86.5104, 88.9652, 96.4233



43.3667, 41.2323, 55.5427



18.3932, 18.8318, 20.3899



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.



42.4503, 41.0208, 43.7113



74.1043, 70.0542, 74.0949



43.4938, 43.8502, 41.7710



10.1477, 10.1077, 10.8681



14.8585, 7.6331, 1.9008



0.6656, 0.3393, 0.2066

Inverse Universe

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



42.4503, 41.0208, 43.7113



74.1043, 70.0542, 74.0949



42.1527, 46.0459, 56.5358



10.1477, 10.1077, 10.8681



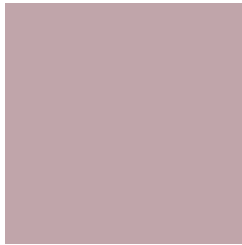
14.8585, 7.6331, 1.9008



0.6656, 0.3393, 0.2066

Previews

White Background



This preview shows how the XYZ color 42.4491, 41.0190, 43.7104 looks on a white background.

Color Contrast Check

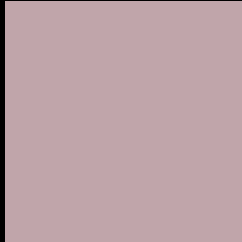
Large Text (above 18pt) WCAG AA × Fail

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 42.4491, 41.0190, 43.7104 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 42.4491, 41.0190, 43.7104

Background



This preview shows how black text looks on a background with the XYZ color 42.4491, 41.0190, 43.7104.



This preview shows how white text looks on a background with the XYZ color 42.4491, 41.0190,

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

42.4491, 41.0190, 43.7104

Protanopia

39.5613, 41.1416, 45.3912

Deuteranopia

41.8782, 40.9935, 43.7355



Tritanopia

43.2036, 41.0627, 47.2438

Trichromacy



Original Color

42.4491, 41.0190, 43.7104

Protanomaly

40.6904, 41.1782, 44.8333

Deuteranomaly

42.1271, 41.1219, 43.7472

Tritanomaly

42.9078, 40.9444, 45.6860

Monochromacy



Original Color

42.4491, 41.0190, 43.7104

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.1618, 41.9667, 45.4661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4491, 41.0190, 43.7104 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 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(192, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 170) }
```

Border

The CSS property to change the border of an element to XYZ 42.4491, 41.0190, 43.7104 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, 170) }
```


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

```
.border{ border-color:rgb(192, 165, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4491, 41.0190, 43.7104 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, 170) }
```

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

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