

Converting Colors

XYZ(41.7129, 42.7380, 23.5047)

Have a look what the booklet for
XYZ(41.7129, 42.7380, 23.5047)
contains.

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Color

**XYZ(41.7121, 42.7371,
23.5034)**

Conversions

Conversions Part 1

Format	Color
Hex	C8AB77
RGB	200, 171, 119
RGB Percent	78%, 67%, 47%
CMY	0.2157, 0.3294, 0.5333
CMYK	0.00, 0.14, 0.40, 0.22
HSL	39°, 42%, 63%
HSV	39°, 40%, 78%
XYZ	41.7121, 42.7371, 23.5034
YIQ	173.7430, 33.9760, -10.0240

Conversions

Conversions Part 2

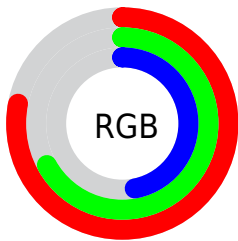
Format	Color
RYB	164, 200, 119
Decimal	13151095
CIELab	71.38, 3.34, 30.67
CIELCh	71, 30.856, 83.778
Yxy	42.7371, 0.3864, 0.3959
Android (android.graphics.Color)	4291341175 (0xFFC8AB77)
YUV	173.7430, -26.9883, 23.0274
Hunter-Lab	65.3736, -0.5106, 24.4453

Details

The XYZ color **41.7121, 42.7371, 23.5034** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.6226, 29.2709, 58.7848**, and the grayscale version is **40.2230, 42.3177, 46.0840**.

A 20% lighter version of the original color is **75.8828, 78.6313, 50.2076**, and **19.3794, 19.6556, 8.5669** is the 20% darker color. If you saturate the color by 10%, you get **39.3195, 39.6760, 17.3907**, and if you desaturate by 10%, it is **44.4329, 46.0498, 30.9734**.

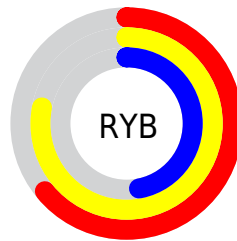
Distribution



Red (78%)

Green (67%)

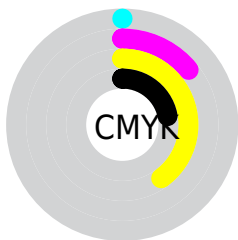
Blue (47%)



Red (64%)

Yellow (78%)

Blue (47%)

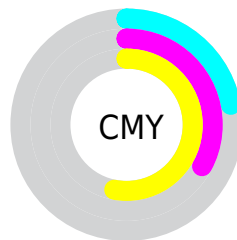


Cyan (0%)

Magenta (14%)

Yellow (40%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7121, 42.7371, 23.5034 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 41.7121, 42.7371, 23.5034 by changing the saturation by 10% instead.


 41.7121, 42.7371,
23.5034


 41.7121, 42.7371,
23.5034


344.3001,
357.5295, 283.5054


 29.0660, 29.6789,
14.7569


 77.0316, 79.3140,
50.1522

 19.2753, 19.5950,
8.5042


 100.4358,
103.6015, 68.8916

 11.9746, 12.1010,
4.3269

 128.1567,
132.4008, 91.7990

 6.7984, 6.8125,
1.8063

160.5597,
166.0964, 119.2930

 3.3816, 3.3451,
0.4321

198.0102,
205.0727, 151.7921

 1.3586, 1.3145,
0.0000

240.8736,

 0.2264, 0.1524,

249.7140, 189.7148

0.0000

289.5150,
300.4048, 233.4797

■ 0.0000, 0.0000,
0.0000

■ 41.7121, 42.7371,
23.5034

■ 41.7121, 42.7371,
23.5034

■ 39.3195, 39.6760,
17.3907

■ 44.4329, 46.0498,
30.9734

■ 37.2347, 36.8519,
12.5481

■ 47.4943, 49.6162,
39.8753

■ 35.4399, 34.2572,
8.8823


■ 50.9122, 53.4459,
50.2815


■ 33.9135, 31.8815,
6.2859

■ 54.7000, 57.5461,
62.2584


■ 32.6300, 29.7126,
4.6315


■ 58.8707, 61.9236,
75.8687

 31.5917, 27.8240,
3.7055

 63.4364, 66.5850,
91.1714

 67.7577, 71.2759,
104.7942

 69.6899, 75.1403,
105.4382

 71.7036, 79.1678,
106.1095

Harmonies

Analogous

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



46.8103, 42.7371, 27.0678



41.7121, 42.7371, 23.5034



36.7264, 42.7371, 24.9652

Triad

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



41.7121, 42.7371, 23.5034



32.1517, 42.7371, 59.0403



49.2188, 42.7371, 65.5574

Complementary

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



41.7121, 42.7371, 23.5034



28.6226, 29.2709, 58.7848

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.



44.7802, 42.7371, 77.9108



41.7121, 42.7371, 23.5034



35.0016, 42.7371, 73.6222

Square

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



41.7121, 42.7371, 23.5034



31.4816, 42.7371, 43.5026



39.5478, 42.7371, 81.1391



51.3759, 42.7371, 49.7019

Rectangle

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



41.7121, 42.7371, 23.5034



34.0969, 42.7371, 28.7908



39.5478, 42.7371, 81.1391



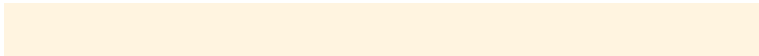
47.9268, 42.7371, 70.3825

Sweetspot

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



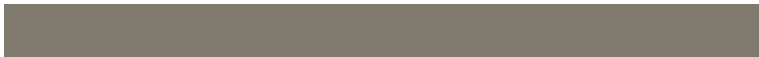
41.7132, 42.7391, 23.5043



87.1135, 91.3927, 83.8550



35.8174, 27.6338, 31.7549



18.4733, 19.3703, 17.4173



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.



41.7132, 42.7391, 23.5043



68.3864, 69.1007, 30.8701



45.0201, 53.4849, 25.4041



11.1922, 11.7535, 11.2415



20.1744, 17.8660, 2.3852



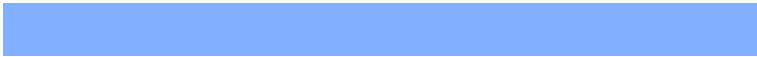
1.0219, 0.9793, 0.1352

Inverse Universe

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



28.6226, 29.2709, 58.7848



42.5504, 42.5434, 100.5768



26.1979, 22.0943, 57.5274



10.3622, 10.8985, 13.4750



8.1631, 5.7202, 35.4182



0.4550, 0.4078, 1.6999

Previews

White Background



This preview shows how the XYZ color 41.7121, 42.7371, 23.5034 looks on a white background.

Color Contrast Check

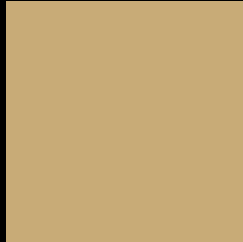
Large Text (above 18pt) WCAG AA × Fail

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 41.7121, 42.7371, 23.5034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

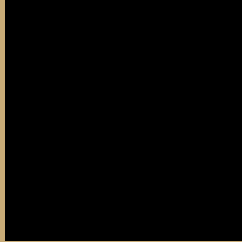
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7121, 42.7371, 23.5034

Background



This preview shows how black text looks on a background with the XYZ color 41.7121, 42.7371, 23.5034.



This preview shows how white text looks on a background with the XYZ color 41.7121, 42.7371,

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

41.7121, 42.7371, 23.5034

Protanopia

39.7674, 42.8592, 24.2659

Deuteranopia

43.5034, 42.5488, 23.6892



Tritanopia

46.5655, 42.8073, 46.8827

Trichromacy



Original Color

41.7121, 42.7371, 23.5034

Protanomaly

40.5185, 42.9656, 23.9269

Deuteranomaly

42.8464, 42.4831, 23.7111

Tritanomaly

44.6370, 42.8414, 36.9269

Monochromacy



Original Color

41.7121, 42.7371, 23.5034

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.3047, 42.2875, 36.6099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7121, 42.7371, 23.5034 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(200, 171, 119)` looks like.

```
.text, #text, p{  
    color:rgb(200, 171, 119)  
}
```

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(200, 171, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 171, 119) }
```

Border

The CSS property to change the border of an element to XYZ 41.7121, 42.7371, 23.5034 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(200, 171, 119) }
```


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

```
.border{ border-color:rgb(200, 171, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 171, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 171, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 171, 119);  
box-shadow:4px 4px 4px 4px rgb(200, 171,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7121, 42.7371, 23.5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 171, 119) }
```

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

```
.background{ background-color: rgb(200,  
171, 119) }
```

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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