

Converting Colors

XYZ(42.3730, 43.2957, 24.3675)

Have a look what the booklet for
XYZ(42.3730, 43.2957, 24.3675)
contains.

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Color

**XYZ(42.2911, 43.3030,
24.2185)**

Conversions

Conversions Part 1

Format	Color
Hex	C9AC79
RGB	201, 172, 121
RGB Percent	79%, 67%, 47%
CMY	0.2118, 0.3255, 0.5255
CMYK	0.00, 0.14, 0.40, 0.21
HSL	38°, 43%, 63%
HSV	38°, 40%, 79%
XYZ	42.2911, 43.3030, 24.2185
YIQ	174.8570, 33.6550, -9.7130

Conversions

Conversions Part 2

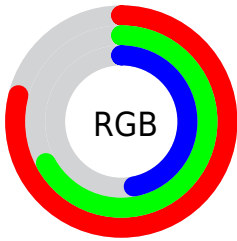
Format	Color
RYB	166, 201, 121
Decimal	13216889
CIELab	71.76, 3.44, 30.13
CIElCh	72, 30.328, 83.488
Yxy	43.3030, 0.3851, 0.3943
Android (android.graphics.Color)	4291406969 (0xFFC9AC79)
YUV	174.8570, -26.5515, 22.9274
Hunter-Lab	65.8050, -0.4417, 24.2428

Details

The XYZ color **42.2911, 43.3030, 24.2185** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.3338, 30.0937, 59.5209**, and the grayscale version is **40.7953, 42.9198, 46.7397**.

A 20% lighter version of the original color is **76.3491, 79.2542, 51.3180**, and **19.5632, 19.9206, 8.9449** is the 20% darker color. If you saturate the color by 10%, you get **39.8362, 40.1645, 17.9396**, and if you desaturate by 10%, it is **45.0810, 46.7003, 31.8770**.

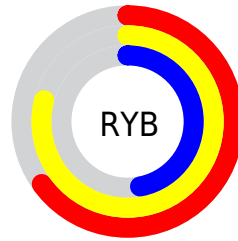
Distribution



Red (79%)

Green (67%)

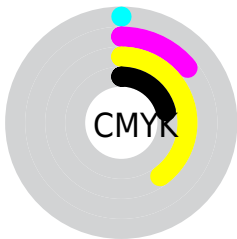
Blue (47%)



Red (65%)

Yellow (79%)

Blue (47%)

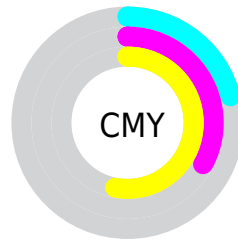


Cyan (0%)

Magenta (14%)

Yellow (40%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2911, 43.3030, 24.2185 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 42.2911, 43.3030, 24.2185 by changing the saturation by 10% instead.

■ 42.2911, 43.3030,
24.2185

■ 42.2911, 43.3030,
24.2185

346.6594,
359.8564, 287.2453

■ 29.5214, 30.1229,
15.2821

■ 77.9024, 80.1679,
51.3348

■ 19.6219, 19.9319,
8.8688

■ 101.4747,
104.6215, 70.3518

■ 12.2271, 12.3456,
4.5600

■ 129.3786,
133.6018, 93.5661

■ 6.9719, 6.9795,
1.9373

161.9795,
167.4930, 121.3961

■ 3.4907, 3.4493,
0.5163

199.6426,
206.6798, 154.2606

■ 1.4182, 1.3705,
0.0000

242.7334,

■ 0.2692, 0.1949,

251.5463, 192.5779

0.0000

291.6172,
302.4770, 236.7666

■ 0.0000, 0.0000,
0.0000

■ 42.2911, 43.3030,
24.2185

■ 42.2911, 43.3030,
24.2185

■ 39.8362, 40.1645,
17.9396

■ 45.0810, 46.7003,
31.8770

■ 37.6958, 37.2700,
12.9527

■ 48.2186, 50.3586,
40.9903

■ 35.8519, 34.6117,
9.1640

■ 51.7196, 54.2876,
51.6312

■ 34.2829, 32.1791,
6.4659

■ 55.5979, 58.4947,
63.8667

■ 32.9632, 29.9599,
4.7310

■ 59.8665, 62.9868,
77.7600

■ 31.8472, 27.9337,
3.7247

■ 64.5377, 67.7706,
93.3706

■ 31.8260, 27.8947,
3.7068

■ 68.5253, 72.4134,
104.9732

■ 70.5139, 76.3905,
105.6361

■ 72.5872, 80.5371,
106.3272

Harmonies

Analogous

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



47.3336, 43.3030, 27.8366



42.2911, 43.3030, 24.2185



37.3374, 43.3030, 25.6346

Triad

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



42.2911, 43.3030, 24.2185



32.7303, 43.3030, 59.3759



49.6384, 43.3030, 66.1098

Complementary

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



42.2911, 43.3030, 24.2185



29.3338, 30.0937, 59.5209

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.



45.2311, 43.3030, 78.2243



42.2911, 43.3030, 24.2185



35.5447, 43.3030, 73.8043

Square

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



42.2911, 43.3030, 24.2185



32.0853, 43.3030, 44.0069



40.0457, 43.3030, 81.2996



51.7980, 43.3030, 50.4385

Rectangle

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



42.2911, 43.3030, 24.2185



34.7144, 43.3030, 29.4266



40.0457, 43.3030, 81.2996



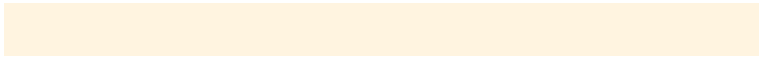
48.3538, 43.3030, 70.8549

Sweetspot

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



42.2922, 43.3050, 24.2194



87.0723, 91.3103, 83.8412



36.4570, 28.3055, 32.5376



18.4636, 19.3508, 17.4141



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.



42.2922, 43.3050, 24.2194



68.6502, 69.3507, 31.8135



45.6566, 54.1439, 26.1342



11.1881, 11.7454, 11.2402



20.1005, 17.7182, 2.3605



1.0188, 0.9730, 0.1341

Inverse Universe

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



29.3338, 30.0937, 59.5209



43.3747, 43.6038, 100.7380



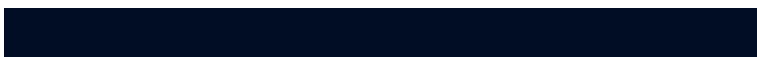
26.8441, 22.7710, 58.2387



10.3661, 10.9063, 13.4763



8.2005, 5.7950, 35.4307



0.4570, 0.4118, 1.7006

Previews

White Background



This preview shows how the XYZ color 42.2911, 43.3030, 24.2185 looks on a white background.

Color Contrast Check

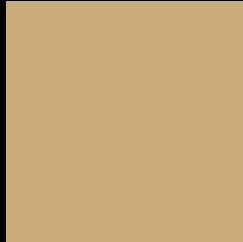
Large Text (above 18pt) WCAG AA × Fail

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 42.2911, 43.3030, 24.2185 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 42.2911, 43.3030, 24.2185

Background



This preview shows how black text looks on a background with the XYZ color 42.2911, 43.3030, 24.2185.



This preview shows how white text looks on a background with the XYZ color 42.2911, 43.3030,

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

42.2911, 43.3030, 24.2185

Protanopia

40.3357, 43.4279, 24.9954

Deuteranopia

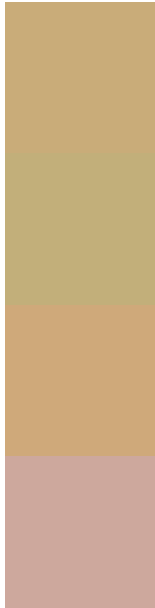
44.0938, 43.1120, 24.4098



Tritanopia

47.2231, 43.3900, 48.0057

Trichromacy



Original Color

42.2911, 43.3030, 24.2185

Protanomaly

41.0910, 43.5344, 24.6496

Deuteranomaly

43.4329, 43.0465, 24.4320

Tritanomaly

45.2653, 43.4187, 37.8932

Monochromacy



Original Color

42.2911, 43.3030, 24.2185

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.8196, 42.8290, 37.1257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2911, 43.3030, 24.2185 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(201, 172, 121)` looks like.

```
.text, #text, p{  
    color:rgb(201, 172, 121)  
}
```

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(201, 172, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 172, 121) }
```

Border

The CSS property to change the border of an element to XYZ 42.2911, 43.3030, 24.2185 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(201, 172, 121) }
```


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

```
.border{ border-color:rgb(201, 172, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 172, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 172, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 172, 121);  
box-shadow:4px 4px 4px 4px rgb(201, 172,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2911, 43.3030, 24.2185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 172, 121) }
```

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

```
.background{ background-color: rgb(201,  
172, 121) }
```

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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