

Converting Colors

XYZ(42.6880, 42.7491, 24.5465)

Have a look what the booklet for
XYZ(42.6880, 42.7491, 24.5465)
contains.

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Color

**XYZ(42.6027, 42.6184,
24.3931)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA97A
RGB	204, 169, 122
RGB Percent	80%, 66%, 48%
CMY	0.2000, 0.3372, 0.5216
CMYK	0.00, 0.17, 0.40, 0.20
HSL	34°, 45%, 64%
HSV	34°, 40%, 80%
XYZ	42.6027, 42.6184, 24.3931
YIQ	174.1070, 35.9470, -7.1970

Conversions

Conversions Part 2

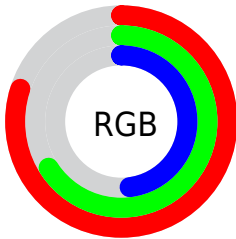
Format	Color
R_{YB}	183, 204, 122
Decimal	13412730
CIE _{Lab}	71.30, 6.38, 29.04
CIE _{LCh}	71, 29.732, 77.612
Yxy	42.6184, 0.3887, 0.3888
Android (android.graphics.Color)	4291602810 (0xFFCCA97A)
YUV	174.1070, -25.6888, 26.2162
Hunter-Lab	65.2828, 2.2420, 23.5441

Details

The XYZ color **42.6027, 42.6184, 24.3931** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.9818, 32.6102, 61.7884**, and the grayscale version is **40.4029, 42.5070, 46.2902**.

A 20% lighter version of the original color is **75.6335, 77.6665, 51.5622**, and **19.7766, 19.4995, 9.0248** is the 20% darker color. If you saturate the color by 10%, you get **39.9031, 39.0342, 17.8982**, and if you desaturate by 10%, it is **45.6776, 46.5285, 32.3230**.

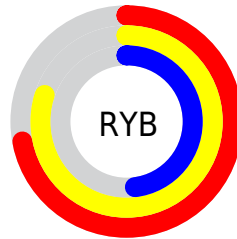
Distribution



Red (80%)

Green (66%)

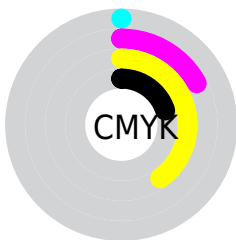
Blue (48%)



Red (72%)

Yellow (80%)

Blue (48%)

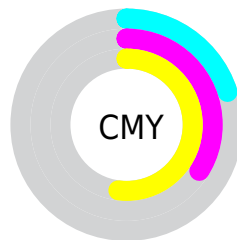


Cyan (0%)

Magenta (17%)

Yellow (40%)

Black (20%)



Cyan (20%)

Magenta (34%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6027, 42.6184, 24.3931 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 42.6027, 42.6184, 24.3931 by changing the saturation by 10% instead.

■ 42.6027, 42.6184,
24.3931

■ 42.6027, 42.6184,
24.3931

347.9246,
357.0401, 288.1522

■ 29.7667, 29.5858,
15.4106

■ 78.3704, 79.1347,
51.6228

■ 19.8087, 19.5244,
8.9582

■ 102.0329,
103.3872, 70.7070

■ 12.3636, 12.0498,
4.6175

■ 130.0348,
132.1485, 93.9956

■ 7.0657, 6.7776,
1.9699

162.7416,
165.8029, 121.9070

■ 3.5499, 3.3234,
0.5367

200.5186,
204.7349, 154.8598

■ 1.4508, 1.3028,
0.0000

243.7312,

■ 0.2920, 0.1434,

249.3288, 193.2726

0.0000

292.7448,
299.9691, 237.5639

■ 0.0000, 0.0000,
0.0000

■ 42.6027, 42.6184,
24.3931

■ 42.6027, 42.6184,
24.3931

■ 39.9031, 39.0342,
17.8982

■ 45.6776, 46.5285,
32.3230

■ 37.5569, 35.7589,
12.7470

■ 49.1420, 50.7687,
41.7665

■ 35.5443, 32.7830,
8.8413


■ 53.0130, 55.3505,
52.7995

■ 33.8418, 30.0933,
6.0684


■ 57.3058, 60.2830,
65.4920


■ 32.4219, 27.6754,
4.2949


■ 62.0345, 65.5749,
79.9099

 31.2559, 25.5454,
3.2834

 67.2127, 71.2347,
96.1153

 71.2345, 76.6226,
105.6429

 73.7176, 81.5887,
106.4706

 76.3233, 86.8003,
107.3392

Harmonies

Analogous

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



47.3320, 42.6184, 28.9119



42.6027, 42.6184, 24.3931



37.6711, 42.6184, 24.8180

Triad

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



42.6027, 42.6184, 24.3931



32.0271, 42.6184, 55.2321



48.0218, 42.6184, 67.5224

Complementary

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



42.6027, 42.6184, 24.3931



30.9818, 32.6102, 61.7884

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.



43.4829, 42.6184, 77.8609



42.6027, 42.6184, 24.3931



34.3727, 42.6184, 69.8237

Square

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



42.6027, 42.6184, 24.3931



31.8339, 42.6184, 40.7508



38.4822, 42.6184, 78.7804



50.6288, 42.6184, 52.5576

Rectangle

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



42.6027, 42.6184, 24.3931



34.9252, 42.6184, 27.8504



38.4822, 42.6184, 78.7804



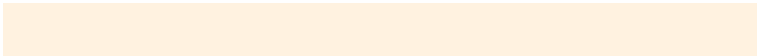
46.6551, 42.6184, 71.7762

Sweetspot

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



42.6038, 42.6204, 24.3940



86.4833, 90.1325, 83.6449



37.9932, 29.2095, 35.7735



18.3248, 19.0733, 17.3678



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.



42.6038, 42.6204, 24.3940



66.7459, 65.5422, 31.1787



48.5355, 56.6695, 26.7931



11.7372, 12.2634, 11.8279



19.7668, 16.2665, 2.0979



1.0941, 0.9878, 0.1330

Inverse Universe

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



30.9818, 32.6102, 61.7884



44.9748, 46.8041, 101.2714



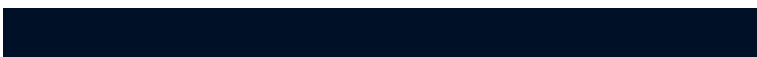
26.6811, 22.8272, 60.1267



10.9888, 11.6180, 14.2337



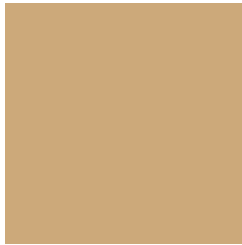
9.0967, 7.2173, 36.8699



0.5440, 0.5218, 1.9270

Previews

White Background



This preview shows how the XYZ color 42.6027, 42.6184, 24.3931 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 42.6027, 42.6184, 24.3931 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 42.6027, 42.6184, 24.3931

Background



This preview shows how black text looks on a background with the XYZ color 42.6027, 42.6184, 24.3931.



This preview shows how white text looks on a background with the XYZ color 42.6027, 42.6184,

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

42.6027, 42.6184, 24.3931

Protanopia

39.7071, 42.8065, 25.2385

Deuteranopia

43.3440, 42.4525, 24.3220



Tritanopia

46.9527, 42.4911, 46.2844

Trichromacy



Original Color

42.6027, 42.6184, 24.3931

Protanomaly

40.7669, 42.7865, 24.8489

Deuteranomaly

43.2476, 42.6758, 24.3702

Tritanomaly

45.1880, 42.5760, 37.2888

Monochromacy



Original Color

42.6027, 42.6184, 24.3931

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6765, 42.1859, 37.0092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6027, 42.6184, 24.3931 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(204, 169, 122)` looks like.

```
.text, #text, p{  
    color:rgb(204, 169, 122)  
}
```

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(204, 169, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 169, 122) }
```

Border

The CSS property to change the border of an element to XYZ 42.6027, 42.6184, 24.3931 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(204, 169, 122) }
```


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

```
.border{ border-color:rgb(204, 169, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 169, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 169, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 169, 122);  
box-shadow:4px 4px 4px 4px rgb(204, 169,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6027, 42.6184, 24.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 169, 122) }
```

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

```
.background{ background-color: rgb(204,  
169, 122) }
```

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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