

Converting Colors

XYZ(40.4948, 41.2159, 22.9129)

Have a look what the booklet for
XYZ(40.4948, 41.2159, 22.9129)
contains.

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Color

**XYZ(40.5613, 41.3190,
22.9771)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A876
RGB	198, 168, 118
RGB Percent	78%, 66%, 46%
CMY	0.2235, 0.3412, 0.5372
CMYK	0.00, 0.15, 0.40, 0.22
HSL	38°, 41%, 62%
HSV	38°, 40%, 78%
XYZ	40.5613, 41.3190, 22.9771
YIQ	171.2700, 33.9300, -9.1900

Conversions

Conversions Part 2

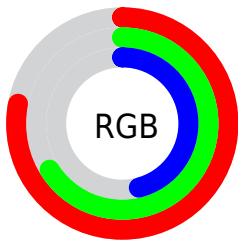
Format	Color
RYB	166, 198, 118
Decimal	13019254
CIELab	70.40, 4.03, 29.89
CIELCh	70, 30.162, 82.322
Yxy	41.3190, 0.3868, 0.3940
Android (android.graphics.Color)	4291209334 (0xFFC6A876)
YUV	171.2700, -26.2621, 23.4422
Hunter-Lab	64.2799, 0.1457, 23.8024

Details

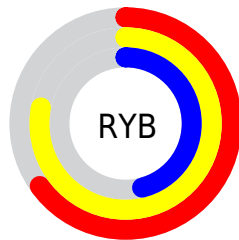
The XYZ color **40.5613, 41.3190, 22.9771** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.2538, 29.1075, 57.5551**, and the grayscale version is **38.9613, 40.9903, 44.6384**.

A 20% lighter version of the original color is **74.9784, 76.9756, 49.4341**, and **18.6473, 18.7601, 8.2685** is the 20% darker color. If you saturate the color by 10%, you get **38.1746, 38.2350, 16.9734**, and if you desaturate by 10%, it is **43.2753, 44.6622, 30.3093**.

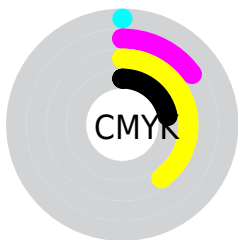
Distribution



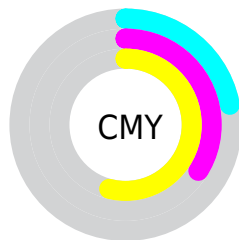
- Red (78%)
- Green (66%)
- Blue (46%)



- Red (65%)
- Yellow (78%)
- Blue (46%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (22%)



- Cyan (22%)
- Magenta (34%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5613, 41.3190, 22.9771 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 40.5613, 41.3190, 22.9771 by changing the saturation by 10% instead.

■ 40.5613, 41.3190,
22.9771

■ 40.5613, 41.3190,
22.9771

339.5777,
351.6521, 280.7255

■ 28.1626, 28.5684,
14.3715

■ 75.2964, 77.1679,
49.2784

■ 18.5894, 18.7546,
8.2378

■ 98.3635, 101.0350,
67.8112

■ 11.4762, 11.4931,
4.1575

■ 125.7175,
129.3765, 90.4901

■ 6.4577, 6.3995,
1.7122

157.7237,
162.5766, 117.7337

■ 3.1686, 3.0895,
0.3690

194.7475,
201.0199, 149.9605

■ 1.2436, 1.1786,
0.0000

237.1542,

■ 0.1403, 0.0442,

245.0906, 187.5890

0.0000

285.3091,
295.1732, 231.0378

■ 0.0000, 0.0000,
0.0000

■ 40.5613, 41.3190,
22.9771

■ 40.5613, 41.3190,
22.9771

■ 38.1746, 38.2350,
16.9734

■ 43.2753, 44.6622,
30.3093

■ 36.0953, 35.3956,
12.2131

■ 46.3291, 48.2669,
39.0429

■ 34.3056, 32.7931,
8.6053

■ 49.7380, 52.1430,
49.2483

■ 32.7846, 30.4169,
6.0454

■ 53.5155, 56.2976,
60.9905

■ 31.5072, 28.2547,
4.4093

■ 57.6743, 60.7377,
74.3305

■ 30.4664, 26.3613,
3.4825

■ 62.2265, 65.4701,
89.3261

■ 66.9245, 70.3975,
104.6685

■ 68.9161, 74.3807,
105.3324

■ 70.9954, 78.5392,
106.0255

Harmonies

Analogous

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



45.3985, 41.3190, 26.6411



40.5613, 41.3190, 22.9771



35.7586, 41.3190, 24.1483

Triad

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



40.5613, 41.3190, 22.9771



31.0900, 41.3190, 56.1875



47.3192, 41.3190, 63.8460

Complementary

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



40.5613, 41.3190, 22.9771



28.2538, 29.1075, 57.5551

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.



43.0093, 41.3190, 75.3010



40.5613, 41.3190, 22.9771



33.7239, 41.3190, 70.2700

Square

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



40.5613, 41.3190, 22.9771



30.5545, 41.3190, 41.4358



38.0112, 41.3190, 77.8711



49.5086, 41.3190, 48.7405

Rectangle

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



40.5613, 41.3190, 22.9771



33.1917, 41.3190, 27.6574



38.0112, 41.3190, 77.8711



46.0539, 41.3190, 68.3715

Sweetspot

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



40.5623, 41.3209, 22.9779



86.9573, 91.0805, 83.8029



35.1656, 27.1223, 31.6765



18.4365, 19.2966, 17.4051



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.



40.5623, 41.3209, 22.9779



68.2728, 68.5959, 31.6877



44.3678, 52.4723, 24.9298



11.1768, 11.7228, 11.2364



19.8975, 17.3123, 2.2929



1.0101, 0.9556, 0.1312

Inverse Universe

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



28.2538, 29.1075, 57.5551



43.6785, 44.2114, 100.8393



25.4740, 21.5722, 56.2472



10.3771, 10.9282, 13.4799



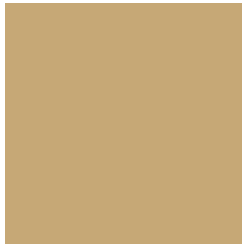
8.3077, 6.0094, 35.4664



0.4628, 0.4233, 1.7025

Previews

White Background



This preview shows how the XYZ color 40.5613, 41.3190, 22.9771 looks on a white background.

Color Contrast Check

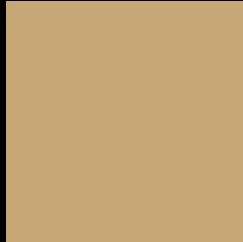
Large Text (above 18pt) WCAG AA × Fail

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 40.5613, 41.3190, 22.9771 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 40.5613, 41.3190, 22.9771

Background



This preview shows how black text looks on a background with the XYZ color 40.5613, 41.3190, 22.9771.



This preview shows how white text looks on a background with the XYZ color 40.5613, 41.3190,

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

40.5613, 41.3190, 22.9771

Protanopia

38.3924, 41.3002, 23.7175

Deuteranopia

42.2385, 41.3640, 23.2106



Tritanopia

45.1895, 41.3442, 45.1337

Trichromacy



Original Color

40.5613, 41.3190, 22.9771

Protanomaly

39.1279, 41.4049, 23.3824

Deuteranomaly

41.5946, 41.3009, 23.2324

Tritanomaly

43.3823, 41.4074, 35.8429

Monochromacy



Original Color

40.5613, 41.3190, 22.9771

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.0983, 40.8402, 35.5280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5613, 41.3190, 22.9771 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(198, 168, 118)` looks like.

```
.text, #text, p{  
    color:rgb(198, 168, 118)  
}
```

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(198, 168, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 168, 118) }
```

Border

The CSS property to change the border of an element to XYZ 40.5613, 41.3190, 22.9771 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(198, 168, 118) }
```


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

```
.border{ border-color:rgb(198, 168, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 168, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 168, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 168, 118);  
box-shadow:4px 4px 4px 4px rgb(198, 168,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5613, 41.3190, 22.9771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 168, 118) }
```

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

```
.background{ background-color: rgb(198,  
168, 118) }
```

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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