

Converting Colors

XYZ(42.1893, 42.6981, 31.2176)

Have a look what the booklet for
XYZ(42.1893, 42.6981, 31.2176)
contains.

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Color

**XYZ(42.3966, 42.9192,
31.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AB8D
RGB	197, 171, 141
RGB Percent	77%, 67%, 55%
CMY	0.2274, 0.3294, 0.4471
CMYK	0.00, 0.13, 0.28, 0.23
HSL	32°, 33%, 66%
HSV	32°, 28%, 77%
XYZ	42.3966, 42.9192, 31.2490
YIQ	175.3540, 25.1260, -3.8180

Conversions

Conversions Part 2

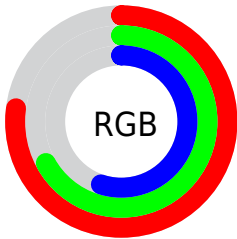
Format	Color
RYB	190, 197, 141
Decimal	12954509
CIELab	71.50, 4.88, 18.94
CIElCh	72, 19.557, 75.558
Yxy	42.9192, 0.3637, 0.3682
Android (android.graphics.Color)	4291144589 (0xFFC5AB8D)
YUV	175.3540, -16.9365, 18.9835
Hunter-Lab	65.5127, 0.8690, 17.5781

Details

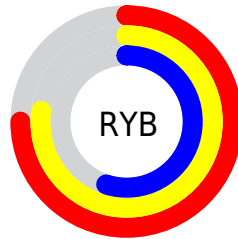
The XYZ color **42.3966, 42.9192, 31.2490** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.8810, 37.3304, 58.1906**, and the grayscale version is **41.0078, 43.1434, 46.9832**.

A 20% lighter version of the original color is **77.9197, 79.4037, 62.8494**, and **19.6405, 19.6998, 12.6648** is the 20% darker color. If you saturate the color by 10%, you get **39.3914, 39.0496, 23.6474**, and if you desaturate by 10%, it is **45.7843, 47.1361, 40.2655**.

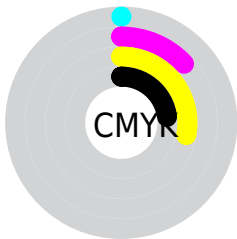
Distribution



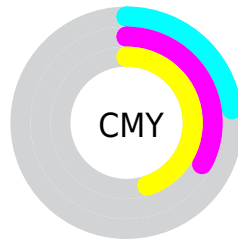
- Red (77%)
- Green (67%)
- Blue (55%)



- Red (75%)
- Yellow (77%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (28%)
- Black (23%)





- Cyan (23%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3966, 42.9192, 31.2490 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 42.3966, 42.9192, 31.2490 by changing the saturation by 10% instead.


 42.3966, 42.9192,
31.2490


 42.3966, 42.9192,
31.2490


347.0881,
358.2794, 322.0705

 29.6044, 29.8217,
20.5285


 78.0609, 79.5889,
62.7160

 19.6851, 19.7033,
12.5919


 101.6638,
103.9299, 84.2997

 12.2733, 12.1796,
7.0207


 129.6009,
132.7876, 110.3414

 7.0036, 6.8661,
3.3964

162.2377,
166.5463, 141.2597

 3.5107, 3.3785,
1.3004

199.9394,
205.5905, 177.4733

 1.4292, 1.3324,
0.0622

243.0715,

 0.2769, 0.1661,

250.3044, 219.4006

0.0000

291.9993,
301.0726, 267.4601

■ 0.0000, 0.0000,
0.0000

■ 42.3966, 42.9192,
31.2490

■ 42.3966, 42.9192,
31.2490

■ 39.3914, 39.0496,
23.6474

■ 45.7843, 47.1361,
40.2655

■ 36.7492, 35.5110,
17.3844

■ 49.5664, 51.7043,
50.7623

■ 34.4535, 32.2945,
12.3805

■ 53.7581, 56.6349,
62.8041

■ 32.4850, 29.3882,
8.5468

■ 58.3729, 61.9368,
76.4509

■ 30.8221, 26.7793,
5.7822

■ 63.4236, 67.6187,
91.7594

■ 29.4397, 24.4533,
3.9685

■ 68.2385, 73.4152,
105.1817

■ 28.2997, 22.3904,
2.9193

■ 70.7902, 78.5186,
106.0323

■ 28.1338, 22.0859,
2.7802

■ 73.4765, 83.8912,
106.9277

■ 76.2994, 89.5370,
107.8687

Harmonies

Analogous

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



45.3999, 42.9192, 34.9201



42.3966, 42.9192, 31.2490



39.1149, 42.9192, 31.3191

Triad

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



42.3966, 42.9192, 31.2490



34.9804, 42.9192, 51.7777



45.4939, 42.9192, 60.6468

Complementary

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



42.3966, 42.9192, 31.2490



34.8810, 37.3304, 58.1906

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.



42.5192, 42.9192, 66.5172



42.3966, 42.9192, 31.2490



36.5095, 42.9192, 60.9452

Square

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



42.3966, 42.9192, 31.2490



34.9515, 42.9192, 42.3441



39.2312, 42.9192, 66.6332



47.2525, 42.9192, 51.4124

Rectangle

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



42.3966, 42.9192, 31.2490



37.2133, 42.9192, 33.4511



39.2312, 42.9192, 66.6332



44.5961, 42.9192, 63.1307

Sweetspot

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



42.3977, 42.9212, 31.2499



88.2676, 91.9990, 89.4866



39.5386, 33.7155, 41.0482



18.6706, 19.4257, 18.5288



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.



42.3977, 42.9212, 31.2499



72.5734, 72.5733, 47.3755



47.3144, 53.4757, 33.0280



11.0966, 11.5623, 11.2097



18.5892, 14.6956, 1.8568



0.9522, 0.8398, 0.1119

Inverse Universe

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



34.8810, 37.3304, 58.1906



56.9520, 60.9569, 103.3719



30.9080, 28.9093, 56.7746



10.4557, 11.0855, 13.5061



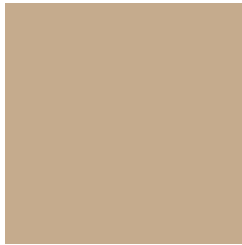
9.1967, 7.7874, 35.7628



0.5078, 0.5133, 1.7175

Previews

White Background



This preview shows how the XYZ color 42.3966, 42.9192, 31.2490 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 42.3966, 42.9192, 31.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

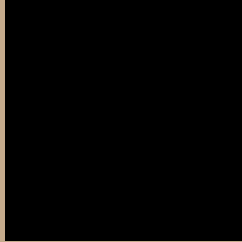
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3966, 42.9192, 31.2490

Background



This preview shows how black text looks on a background with the XYZ color 42.3966, 42.9192, 31.2490.



This preview shows how white text looks on a background with the XYZ color 42.3966, 42.9192,

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

42.3966, 42.9192, 31.2490

Protanopia

40.5376, 43.0822, 32.1657

Deuteranopia

43.7870, 42.7956, 31.5437



Tritanopia

45.8603, 42.9446, 48.5199

Trichromacy



Original Color

42.3966, 42.9192, 31.2490

Protanomaly

41.2537, 43.1722, 31.7500

Deuteranomaly

43.1578, 42.7464, 31.5674

Tritanomaly

44.6136, 43.0012, 41.5460

Monochromacy



Original Color

42.3966, 42.9192, 31.2490

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2754, 42.9837, 40.7716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3966, 42.9192, 31.2490 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(197, 171, 141)` looks like.

```
.text, #text, p{  
    color:rgb(197, 171, 141)  
}
```

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(197, 171, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 171, 141) }
```

Border

The CSS property to change the border of an element to XYZ 42.3966, 42.9192, 31.2490 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(197, 171, 141) }
```


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

```
.border{ border-color:rgb(197, 171, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 171, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 171, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 171, 141);  
box-shadow:4px 4px 4px 4px rgb(197, 171,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3966, 42.9192, 31.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 171, 141) }
```

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

```
.background{ background-color: rgb(197,  
171, 141) }
```

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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