

Converting Colors

XYZ(42.5809, 41.3560, 31.6458)

Have a look what the booklet for
XYZ(42.5809, 41.3560, 31.6458)
contains.

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Color

**XYZ(42.5005, 41.3109,
31.7204)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A58F
RGB	201, 165, 143
RGB Percent	79%, 65%, 56%
CMY	0.2118, 0.3529, 0.4392
CMYK	0.00, 0.18, 0.29, 0.21
HSL	23°, 35%, 67%
HSV	23°, 29%, 79%
XYZ	42.5005, 41.3109, 31.7204
YIQ	173.2560, 28.5180, 0.7900

Conversions

Conversions Part 2

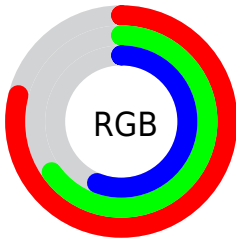
Format	Color
R _Y B	201, 178, 143
Decimal	13215119
CIE Lab	70.39, 9.96, 16.37
CIE LCh	70, 19.162, 58.682
Yxy	41.3109, 0.3679, 0.3576
Android (android.graphics.Color)	4291405199 (0xFFC9A58F)
YUV	173.2560, -14.9162, 24.3315
Hunter-Lab	64.2736, 5.5533, 15.7306

Details

The XYZ color **42.5005, 41.3109, 31.7204** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.9901, 42.2959, 61.4203**, and the grayscale version is **39.9156, 41.9943, 45.7318**.

A 20% lighter version of the original color is **76.9112, 76.4776, 63.5313**, and **19.7350, 18.7116, 12.9275** is the 20% darker color. If you saturate the color by 10%, you get **38.9710, 36.4742, 23.6927**, and if you desaturate by 10%, it is **46.5245, 46.6996, 41.2598**.

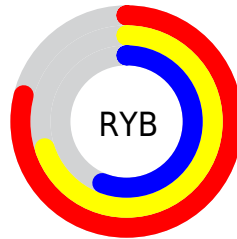
Distribution



Red (79%)

Green (65%)

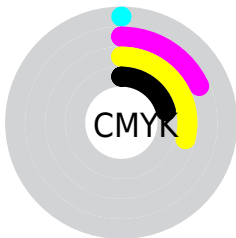
Blue (56%)



Red (79%)

Yellow (70%)

Blue (56%)

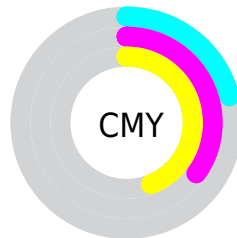


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (21%)



Cyan (21%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5005, 41.3109, 31.7204 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 42.5005, 41.3109, 31.7204 by changing the saturation by 10% instead.


 42.5005, 41.3109,
31.7204

 42.5005, 41.3109,
31.7204


347.5100,
351.6183, 324.2970

 29.6862, 28.5621,
20.8850


 78.2170, 77.1556,
63.4653

 19.7474, 18.7498,
12.8495

 101.8499,
101.0203, 85.2119

 12.3188, 11.4896,
7.1955


129.8197,
129.3591, 111.4326

 7.0349, 6.3972,
3.5044

162.4918,
162.5564, 142.5460

 3.5305, 3.0881,
1.3576

200.2315,
200.9966, 178.9706

 1.4401, 1.1779,
0.1083

243.4042,

 0.2845, 0.0435,

245.0640, 221.1249

0.0000

292.3752,
295.1432, 269.4275

■ 0.0000, 0.0000,
0.0000

■ 42.5005, 41.3109,
31.7204

■ 42.5005, 41.3109,
31.7204

■ 38.9710, 36.4742,
23.6927

■ 46.5245, 46.6996,
41.2598

■ 35.9120, 32.1653,
17.0955

■ 51.0593, 52.6519,
52.3815

■ 33.3020, 28.3668,
11.8434

■ 56.1243, 59.1863,
65.1545

■ 31.1165, 25.0578,
7.8410

■ 61.7369, 66.3186,
79.6432

■ 29.3282, 22.2158,
4.9801

■ 67.9136, 74.0641,
95.9081

■ 27.9057, 19.8160,
3.1336

■ 73.2542, 81.8709,
106.5495

■ 26.8020, 17.8264,
2.0943

■ 77.0507, 89.4640,
107.8150

■ 26.6896, 17.6216,
1.9946

■ 77.8975, 91.1576,
108.0973

Harmonies

Analogous

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



44.8262, 41.3109, 37.1526



42.5005, 41.3109, 31.7204



39.4044, 41.3109, 29.7618

Triad

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



42.5005, 41.3109, 31.7204



33.5113, 41.3109, 44.5824



42.2464, 41.3109, 61.9937

Complementary

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



42.5005, 41.3109, 31.7204



37.9901, 42.2959, 61.4203

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.



39.1255, 41.3109, 64.6634



42.5005, 41.3109, 31.7204



34.1835, 41.3109, 53.8373

Square

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



42.5005, 41.3109, 31.7204



34.3108, 41.3109, 36.5471



36.1976, 41.3109, 61.5004



44.6741, 41.3109, 54.6208

Rectangle

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



42.5005, 41.3109, 31.7204



37.3550, 41.3109, 30.4582



36.1976, 41.3109, 61.5004



41.2385, 41.3109, 63.5111

Sweetspot

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



42.5016, 41.3128, 31.7212



87.1959, 89.8557, 89.1293



42.1214, 35.3474, 47.6409



18.4071, 18.8986, 18.4410



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.



42.5016, 41.3128, 31.7212



68.6639, 65.1318, 44.9090



48.1747, 52.6590, 33.6123



10.9581, 11.2854, 11.1635



16.8632, 11.2436, 1.2814



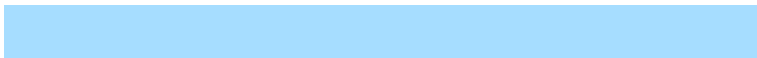
0.8681, 0.6716, 0.0839

Inverse Universe

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



37.9901, 42.2959, 61.4203



59.6172, 67.0873, 104.4147



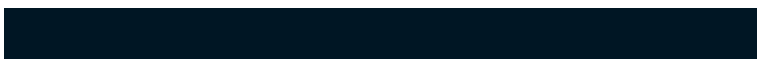
32.8946, 32.1047, 59.7218



10.5956, 11.3653, 13.5528



11.3103, 12.0145, 36.4673



0.6038, 0.7054, 1.7495

Previews

White Background



This preview shows how the XYZ color 42.5005, 41.3109, 31.7204 looks on a white background.

Color Contrast Check

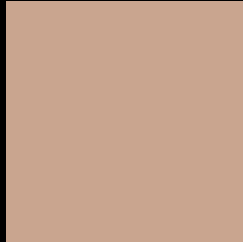
Large Text (above 18pt) WCAG AA × Fail

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 42.5005, 41.3109, 31.7204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

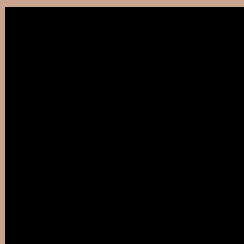
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5005, 41.3109, 31.7204

Background



This preview shows how black text looks on a background with the XYZ color 42.5005, 41.3109, 31.7204.



This preview shows how white text looks on a background with the XYZ color 42.5005, 41.3109,

31.7204.

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

42.5005, 41.3109, 31.7204

Protanopia

38.9969, 41.4041, 33.1306

Deuteranopia

42.1473, 41.3977, 31.7558



Tritanopia

45.1895, 41.3442, 45.1337

Trichromacy



Original Color

42.5005, 41.3109, 31.7204

Protanomaly

40.0378, 41.1116, 32.6132

Deuteranomaly

42.4136, 41.5350, 31.7682

Tritanomaly

44.0705, 41.1458, 39.8016

Monochromacy



Original Color

42.5005, 41.3109, 31.7204

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.4248, 41.4254, 40.0477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5005, 41.3109, 31.7204 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, 165, 143)` looks like.

```
.text, #text, p{  
    color:rgb(201, 165, 143)  
}
```

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, 165, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 165, 143) }
```

Border

The CSS property to change the border of an element to XYZ 42.5005, 41.3109, 31.7204 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, 165, 143) }
```


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

```
.border{ border-color:rgb(201, 165, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 165, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 165, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 165, 143);  
box-shadow:4px 4px 4px 4px rgb(201, 165,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5005, 41.3109, 31.7204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 165, 143) }
```

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

```
.background{ background-color: rgb(201,  
165, 143) }
```

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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