

Converting Colors

XYZ(41.4924, 38.3594, 33.1584)

Have a look what the booklet for
XYZ(41.4924, 38.3594, 33.1584)
contains.

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Color

**XYZ(41.5909, 38.4716,
33.2507)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9C94
RGB	202, 156, 148
RGB Percent	79%, 61%, 58%
CMY	0.2078, 0.3882, 0.4196
CMYK	0.00, 0.23, 0.27, 0.21
HSL	9°, 34%, 69%
HSV	9°, 27%, 79%
XYZ	41.5909, 38.4716, 33.2507
YIQ	168.8420, 29.9840, 7.2640

Conversions

Conversions Part 2

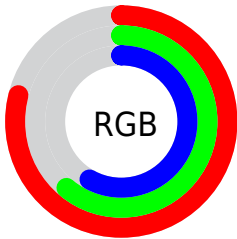
Format	Color
R _Y B	202, 157, 148
Decimal	13278356
CIE Lab	68.37, 15.95, 10.78
CIE LCh	68, 19.248, 34.052
Yxy	38.4716, 0.3670, 0.3395
Android (android.graphics.Color)	4291468436 (0xFFCA9C94)
YUV	168.8420, -10.2751, 29.0796
Hunter-Lab	62.0255, 11.1478, 11.6336

Details

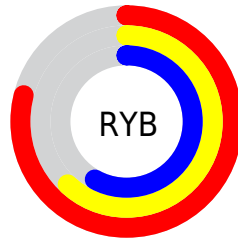
The XYZ color **41.5909, 38.4716, 33.2507** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1647, 49.1424, 63.1405**, and the grayscale version is **37.6736, 39.6356, 43.1632**.

A 20% lighter version of the original color is **75.1949, 72.1128, 65.8331**, and **19.2419, 17.1693, 13.6091** is the 20% darker color. If you saturate the color by 10%, you get **37.4440, 32.5170, 24.6564**, and if you desaturate by 10%, it is **46.4279, 45.3594, 43.4524**.

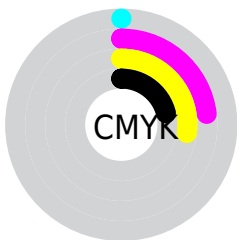
Distribution



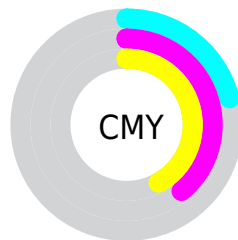
- Red (79%)
- Green (61%)
- Blue (58%)



- Red (79%)
- Yellow (62%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (27%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5909, 38.4716, 33.2507 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 41.5909, 38.4716, 33.2507 by changing the saturation by 10% instead.


 41.5909, 38.4716,
33.2507


 41.5909, 38.4716,
33.2507


343.8048,
339.6387, 331.4445

 28.9708, 26.3489,
22.0459


 76.8491, 72.8304,
65.8873

 19.2029, 17.0848,
13.6920

 100.2180, 95.8353,
88.1561

 11.9219, 10.2950,
7.7704

127.9005,
123.2364, 114.9500

 6.7623, 5.5950,
3.8628

160.2620,
155.4181, 146.6875

 3.3589, 2.6004,
1.5504

197.6678,
192.7648, 183.7871

 1.3463, 0.9269,
0.2550

240.4833,

 0.2175, 0.0000,

235.6609, 226.6675

0.0000

289.0738,
284.4907, 275.7471

■ 0.0000, 0.0000,
0.0000

■ 41.5909, 38.4716,
33.2507

■ 41.5909, 38.4716,
33.2507

■ 37.4440, 32.5170,
24.6564

■ 46.4279, 45.3594,
43.4524

■ 33.9525, 27.4502,
17.5853

■ 51.9816, 53.2126,
55.3355

■ 31.0833, 23.2300,
11.9486

■ 58.2806, 62.0685,
68.9719

■ 28.7993, 19.8100,
7.6477

■ 65.3514, 71.9607,
84.4289

■ 27.0589, 17.1390,
4.5714

■ 73.2189, 82.9214,
101.7701

■ 25.8154, 15.1600,
2.5904

■ 78.1672, 91.2966,
108.1099

■ 25.0111, 13.8065,
1.5363

■ 24.8200, 13.4821,
1.2942

Harmonies

Analogous

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



42.6691, 38.4716, 40.7251



41.5909, 38.4716, 33.2507



39.1660, 38.4716, 28.6451

Triad

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



41.5909, 38.4716, 33.2507



31.5897, 38.4716, 35.0260



36.9779, 38.4716, 60.7622

Complementary

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



41.5909, 38.4716, 33.2507



42.1647, 49.1424, 63.1405

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.



34.0839, 38.4716, 58.6913



41.5909, 38.4716, 33.2507



31.0747, 38.4716, 43.0750

Square

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



41.5909, 38.4716, 33.2507



33.4103, 38.4716, 29.5667



31.9632, 38.4716, 51.9072



39.9146, 38.4716, 57.2324

Rectangle

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



41.5909, 38.4716, 33.2507



37.1711, 38.4716, 27.4309



31.9632, 38.4716, 51.9072



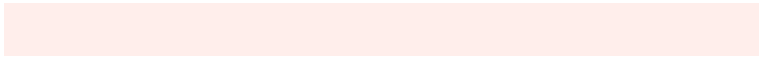
35.9677, 38.4716, 60.7007

Sweetspot

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



41.5919, 38.4734, 33.2515



86.6427, 88.1652, 90.7456



44.7751, 37.6679, 56.4223



18.2266, 18.4214, 18.7394



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.



41.5919, 38.4734, 33.2515



66.2742, 59.1979, 47.6717



46.4717, 48.2329, 34.8781



11.3443, 11.4776, 11.6969



16.0120, 8.7569, 0.8463



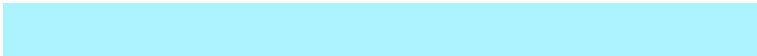
0.8701, 0.5399, 0.0584

Inverse Universe

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



42.1647, 49.1424, 63.1405



67.3944, 80.1944, 106.5347



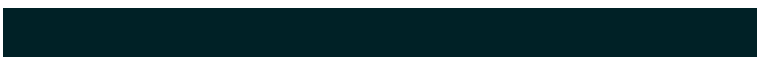
36.8396, 38.4921, 61.3654



11.3961, 12.4326, 14.3695



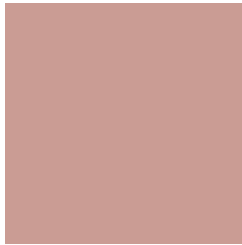
16.4118, 21.8477, 39.3083



0.8862, 1.2061, 2.0410

Previews

White Background



This preview shows how the XYZ color 41.5909, 38.4716, 33.2507 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 41.5909, 38.4716, 33.2507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

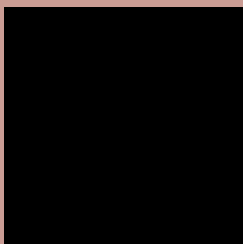
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5909, 38.4716, 33.2507

Background



This preview shows how black text looks on a background with the XYZ color 41.5909, 38.4716, 33.2507.



This preview shows how white text looks on a background with the XYZ color 41.5909, 38.4716,

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

41.5909, 38.4716, 33.2507

Protanopia

36.6196, 38.4566, 35.6298

Deuteranopia

39.2465, 38.5435, 32.9749



Tritanopia

43.0846, 38.3364, 40.7262

Trichromacy



Original Color

41.5909, 38.4716, 33.2507

Protanomaly

38.2734, 38.2654, 34.6469

Deuteranomaly

39.9127, 38.3722, 32.9067

Tritanomaly

42.4422, 38.3109, 37.9587

Monochromacy



Original Color

41.5909, 38.4716, 33.2507

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.7645, 38.9479, 39.1928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5909, 38.4716, 33.2507 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(202, 156, 148)` looks like.

```
.text, #text, p{  
    color:rgb(202, 156, 148)  
}
```

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(202, 156, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 156, 148) }
```

Border

The CSS property to change the border of an element to XYZ 41.5909, 38.4716, 33.2507 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(202, 156, 148) }
```


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

```
.border{ border-color:rgb(202, 156, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 156, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 156, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 156, 148);  
box-shadow:4px 4px 4px 4px rgb(202, 156,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5909, 38.4716, 33.2507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 156, 148) }
```

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

```
.background{ background-color: rgb(202,  
156, 148) }
```

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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