

Converting Colors

XYZ(42.7490, 39.5710, 33.4018)

Have a look what the booklet for
XYZ(42.7490, 39.5710, 33.4018)
contains.

XYZ(42.7490, 39.5710, 33.4018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.7490, 39.5710,
33.4018)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9E94
RGB	205, 158, 148
RGB Percent	80%, 62%, 58%
CMY	0.1961, 0.3804, 0.4196
CMYK	0.00, 0.23, 0.28, 0.20
HSL	11°, 36%, 69%
HSV	11°, 28%, 80%
XYZ	42.7490, 39.5710, 33.4018
YIQ	170.9130, 31.2220, 6.8540

Conversions

Conversions Part 2

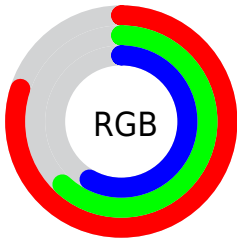
Format	Color
R _Y B	205, 160, 148
Decimal	13475476
CIE Lab	69.16, 16.01, 11.95
CIE LCh	69, 19.974, 36.735
Yxy	39.5710, 0.3694, 0.3419
Android (android.graphics.Color)	4291665556 (0xFFCD9E94)
YUV	170.9130, -11.2961, 29.8943
Hunter-Lab	62.9055, 11.2196, 12.5518

Details

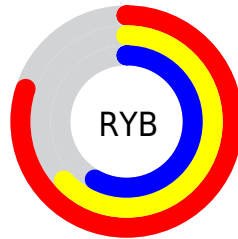
The XYZ color **42.7490, 39.5710, 33.4018** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7467, 49.7323, 65.1041**, and the grayscale version is **38.7098, 40.7258, 44.3504**.

A 20% lighter version of the original color is **75.6949, 73.1128, 65.9997**, and **19.8894, 17.6552, 13.6688** is the 20% darker color. If you saturate the color by 10%, you get **38.5805, 33.6048, 24.7033**, and if you desaturate by 10%, it is **47.6035, 46.4489, 43.7476**.

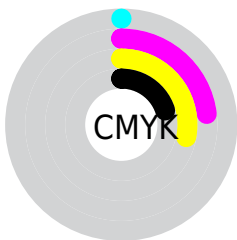
Distribution



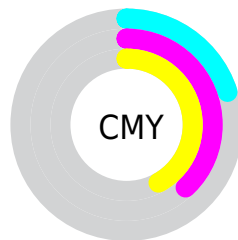
- Red (80%)
- Green (62%)
- Blue (58%)



- Red (80%)
- Yellow (63%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (20%)





- Cyan (20%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7490, 39.5710, 33.4018 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 42.7490, 39.5710, 33.4018 by changing the saturation by 10% instead.


 42.7490, 39.5710,
33.4018


 42.7490, 39.5710,
33.4018

348.5175,
344.3121, 332.1438

 29.8819, 27.2042,
22.1608


 78.5900, 74.5098,
66.1256

 19.8966, 17.7267,
13.7757


 102.2947, 97.8506,
88.4454

 12.4277, 10.7539,
7.8278


130.3425,
125.6182, 115.2952

 7.1099, 5.9016,
3.8988

163.0990,
158.1970, 147.0937

 3.5779, 2.7853,
1.5700

200.9293,
195.9714, 184.2592

 1.4662, 1.0207,
0.2693

244.1990,

 0.3027, 0.0000,

239.3258, 227.2103

0.0000

293.2733,
288.6445, 276.3657

0.0000, 0.0000,
0.0000

42.7490, 39.5710,
33.4018

42.7490, 39.5710,
33.4018

38.5805, 33.6048,
24.7033

47.6035, 46.4489,
43.7476

35.0637, 28.5065,
17.5645

53.1701, 54.2689,
55.8174

32.1658, 24.2371,
11.8932

59.4774, 63.0669,
69.6858

29.8501, 20.7521,
7.5867

66.5513, 72.8750,
85.4225

28.0755, 18.0029,
4.5287

74.4167, 83.7242,
103.0934

■ 26.7955, 15.9356,
2.5834

■ 78.9869, 91.7192,
108.1483

■ 25.9500, 14.4859,
1.5576

■ 25.8072, 14.2397,
1.3884

Harmonies

Analogous

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



44.0436, 39.5710, 41.0567



42.7490, 39.5710, 33.4018



40.0886, 39.5710, 28.8673

Triad

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



42.7490, 39.5710, 33.4018



32.2480, 39.5710, 36.5075



38.3357, 39.5710, 63.0131

Complementary

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



42.7490, 39.5710, 33.4018



42.7467, 49.7323, 65.1041

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.



35.2378, 39.5710, 61.3423



42.7490, 39.5710, 33.4018



31.8374, 39.5710, 45.1813

Square

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



42.7490, 39.5710, 33.4018



34.0571, 39.5710, 30.4752



32.9022, 39.5710, 54.4817



41.4040, 39.5710, 58.7694

Rectangle

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



42.7490, 39.5710, 33.4018



37.9618, 39.5710, 27.8077



32.9022, 39.5710, 54.4817



37.2625, 39.5710, 63.1327

Sweetspot

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



42.7501, 39.5728, 33.4026



86.8048, 88.4893, 90.7996



45.6740, 38.1222, 56.8779



18.2671, 18.5023, 18.7529



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.



42.7501, 39.5728, 33.4026



66.0552, 59.1522, 46.3892



48.0813, 50.2354, 35.1797



11.3689, 11.5267, 11.7051



16.1151, 8.9632, 0.8807



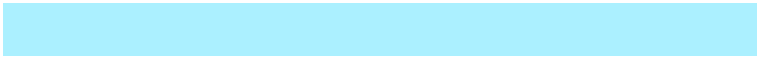
0.8814, 0.5626, 0.0621

Inverse Universe

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



42.7467, 49.7323, 65.1041



66.0399, 78.3171, 106.2438



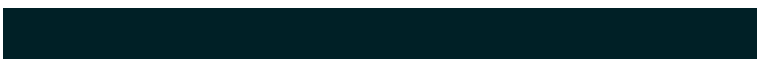
37.0513, 38.3415, 63.2056



11.3693, 12.3790, 14.3605



15.7572, 20.5384, 39.0901



0.8580, 1.1498, 2.0317

Previews

White Background



This preview shows how the XYZ color 42.7490, 39.5710, 33.4018 looks on a white background.

Color Contrast Check

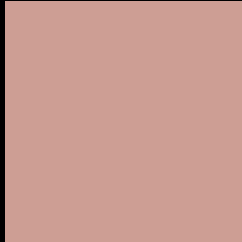
Large Text (above 18pt) WCAG AA × Fail

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 42.7490, 39.5710, 33.4018 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 42.7490, 39.5710, 33.4018

Background



This preview shows how black text looks on a background with the XYZ color 42.7490, 39.5710, 33.4018.



This preview shows how white text looks on a background with the XYZ color 42.7490, 39.5710,

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

42.7490, 39.5710, 33.4018

Protanopia

37.8422, 39.9059, 35.8451

Deuteranopia

40.3560, 39.6384, 33.1278



Tritanopia

44.4285, 39.4981, 41.8415

Trichromacy



Original Color

42.7490, 39.5710, 33.4018

Protanomaly

39.5346, 39.7094, 34.8591

Deuteranomaly

41.0373, 39.4666, 33.0587

Tritanomaly

43.6872, 39.4368, 38.5672

Monochromacy



Original Color

42.7490, 39.5710, 33.4018

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.7755, 39.9841, 40.2716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7490, 39.5710, 33.4018 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(205, 158, 148)` looks like.

```
.text, #text, p{  
    color:rgb(205, 158, 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(205, 158, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 158, 148) }
```

Border

The CSS property to change the border of an element to XYZ 42.7490, 39.5710, 33.4018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

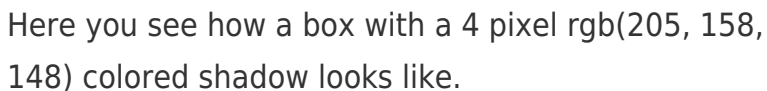
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 158, 148) }
```


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

```
.border{ border-color:rgb(205, 158, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 158, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 158, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 158, 148); box-shadow:4px 4px 4px 4px rgb(205, 158, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7490, 39.5710, 33.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 158, 148) }
```

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

```
.background{ background-color: rgb(205,  
158, 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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