

Converting Colors

XYZ(42.7248, 39.8036, 33.8648)

Have a look what the booklet for
XYZ(42.7248, 39.8036, 33.8648)
contains.

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Color

**XYZ(42.7248, 39.8036,
33.8648)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9F95
RGB	204, 159, 149
RGB Percent	80%, 62%, 58%
CMY	0.2000, 0.3765, 0.4157
CMYK	0.00, 0.22, 0.27, 0.20
HSL	11°, 35%, 69%
HSV	11°, 27%, 80%
XYZ	42.7248, 39.8036, 33.8648
YIQ	171.3150, 30.0300, 6.4300

Conversions

Conversions Part 2

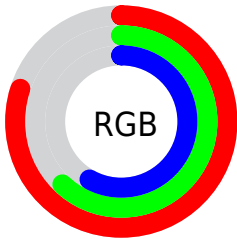
Format	Color
RYB	204, 161, 149
Decimal	13410197
CIELab	69.33, 15.22, 11.61
CIELCh	69, 19.142, 37.350
Yxy	39.8036, 0.3671, 0.3420
Android (android.graphics.Color)	4291600277 (0xFFCC9F95)
YUV	171.3150, -11.0013, 28.6647
Hunter-Lab	63.0901, 10.4731, 12.3380

Details

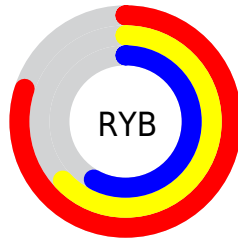
The XYZ color **42.7248, 39.8036, 33.8648** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5847, 49.3312, 64.4043**, and the grayscale version is **38.9110, 40.9374, 44.5808**.

A 20% lighter version of the original color is **76.0661, 73.6649, 66.7096**, and **19.8567, 17.7868, 13.9419** is the 20% darker color. If you saturate the color by 10%, you get **38.5580, 33.8519, 25.1320**, and if you desaturate by 10%, it is **47.5666, 46.6481, 44.2309**.

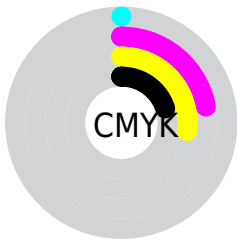
Distribution



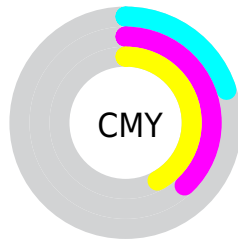
- Red (80%)
- Green (62%)
- Blue (58%)



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



- Cyan (0%)
- Magenta (22%)
- Yellow (27%)
- Black (20%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7248, 39.8036, 33.8648 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 42.7248, 39.8036, 33.8648 by changing the saturation by 10% instead.


 42.7248, 39.8036,
33.8648


 42.7248, 39.8036,
33.8648


348.4195,
345.2951, 334.2795

 29.8628, 27.3854,
22.5132


 78.5537, 74.8644,
66.8549

 19.8821, 17.8629,
14.0326

 102.2514, 98.2757,
89.3304

 12.4171, 10.8516,
8.0043


130.2916,
126.1203, 116.3511

 7.1026, 5.9671,
4.0099

163.0399,
158.7825, 148.3354

 3.5733, 2.8251,
1.6308

200.8614,
196.6467, 185.7018

 1.4637, 1.0411,
0.3126

244.1216,

 0.3009, 0.0000,

240.0972, 228.8690

0.0000

293.1859,
289.5186, 278.2553

0.0000, 0.0000,
0.0000

42.7248, 39.8036,
33.8648

42.7248, 39.8036,
33.8648

38.5580, 33.8519,
25.1320

47.5666, 46.6481,
44.2309

35.0326, 28.7508,
17.9466

53.1085, 54.4146,
56.3053

32.1171, 24.4626,
12.2184

59.3783, 63.1375,
70.1615

29.7757, 20.9448,
7.8469

66.4013, 72.8482,
85.8678

27.9691, 18.1509,
4.7188

74.2016, 83.5763,
103.4889

■ 26.6524, 16.0292,
2.7021

■ 78.7119, 91.5774,
108.1354

■ 25.7702, 14.5197,
1.6224

■ 25.5668, 14.1672,
1.3870

Harmonies

Analogous

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



43.9982, 39.8036, 41.2109



42.7248, 39.8036, 33.8648



40.1528, 39.8036, 29.5266

Triad

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



42.7248, 39.8036, 33.8648



32.6384, 39.8036, 37.1456



38.5929, 39.8036, 62.3758

Complementary

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



42.7248, 39.8036, 33.8648



42.5847, 49.3312, 64.4043

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.



35.6026, 39.8036, 60.9016



42.7248, 39.8036, 33.8648



32.2709, 39.8036, 45.5399

Square

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



42.7248, 39.8036, 33.8648



34.3604, 39.8036, 31.2342



33.3280, 39.8036, 54.4343



41.5302, 39.8036, 58.2265

Rectangle

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



42.7248, 39.8036, 33.8648



38.1059, 39.8036, 28.5416



33.3280, 39.8036, 54.4343



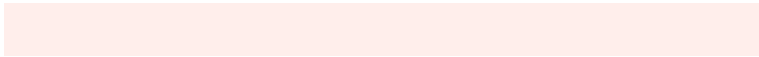
37.5597, 39.8036, 62.5301

Sweetspot

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



42.7259, 39.8054, 33.8656



86.8427, 88.5652, 90.8123



45.4811, 38.2653, 56.5201



18.2765, 18.5213, 18.7560



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.



42.7259, 39.8054, 33.8656



66.8567, 60.3628, 47.8659



47.8157, 49.9851, 35.5622



11.3746, 11.5382, 11.7070



16.1416, 9.0161, 0.8895



0.8841, 0.5679, 0.0630

Inverse Universe

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



42.5847, 49.3312, 64.4043



66.5786, 78.5628, 106.2628



37.1738, 38.5094, 62.6007



11.3630, 12.3665, 14.3584



15.6081, 20.2402, 39.0404



0.8516, 1.1369, 2.0295

Previews

White Background



This preview shows how the XYZ color 42.7248, 39.8036, 33.8648 looks on a white background.

Color Contrast Check

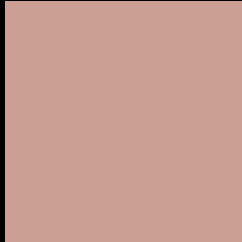
Large Text (above 18pt) WCAG AA × Fail

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 42.7248, 39.8036, 33.8648 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 42.7248, 39.8036, 33.8648

Background



This preview shows how black text looks on a background with the XYZ color 42.7248, 39.8036, 33.8648.



This preview shows how white text looks on a background with the XYZ color 42.7248, 39.8036, 33.8648.

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

42.7248, 39.8036, 33.8648

Protanopia

37.9252, 39.9391, 36.2820

Deuteranopia

40.6906, 39.8018, 33.5549



Tritanopia

44.4099, 39.7259, 42.3730

Trichromacy



Original Color

42.7248, 39.8036, 33.8648

Protanomaly

39.3723, 39.6164, 35.2773

Deuteranomaly

41.5543, 39.9845, 33.5446

Tritanomaly

43.6668, 39.6663, 39.0731

Monochromacy



Original Color

42.7248, 39.8036, 33.8648

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.9580, 40.3491, 40.3325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7248, 39.8036, 33.8648 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(204, 159, 149)` looks like.

```
.text, #text, p{  
    color:rgb(204, 159, 149)  
}
```

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(204, 159, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 159, 149) }
```

Border

The CSS property to change the border of an element to XYZ 42.7248, 39.8036, 33.8648 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(204, 159, 149) }
```


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

```
.border{ border-color:rgb(204, 159, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 159, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 159, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 159, 149);  
box-shadow:4px 4px 4px 4px rgb(204, 159,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7248, 39.8036, 33.8648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 159, 149) }
```

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

```
.background{ background-color: rgb(204,  
159, 149) }
```

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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