

Converting Colors

XYZ(39.1091, 35.3238, 28.7180)

Have a look what the booklet for
XYZ(39.1091, 35.3238, 28.7180)
contains.

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Color

**XYZ(39.2647, 35.4323,
28.8144)**

Conversions

Conversions Part 1

Format	Color
Hex	C9948A
RGB	201, 148, 138
RGB Percent	79%, 58%, 54%
CMY	0.2118, 0.4196, 0.4588
CMYK	0.00, 0.26, 0.31, 0.21
HSL	10°, 37%, 66%
HSV	10°, 31%, 79%
XYZ	39.2647, 35.4323, 28.8144
YIQ	162.7070, 34.7980, 8.1260

Conversions

Conversions Part 2

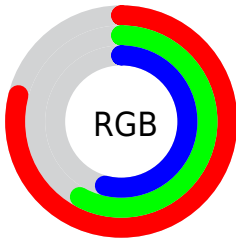
Format	Color
R _Y B	201, 150, 138
Decimal	13210762
CIE Lab	66.08, 18.57, 13.12
CIE LCh	66, 22.741, 35.234
Yxy	35.4323, 0.3793, 0.3423
Android (android.graphics.Color)	4291400842 (0xFFC9948A)
YUV	162.7070, -12.1806, 33.5830
Hunter-Lab	59.5250, 13.5757, 12.9669

Details

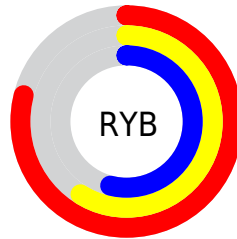
The XYZ color **39.2647, 35.4323, 28.8144** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6539, 46.8802, 62.2171**, and the grayscale version is **34.7195, 36.5276, 39.7786**.

A 20% lighter version of the original color is **71.7645, 67.2626, 58.4908**, and **17.8902, 15.3650, 11.2553** is the 20% darker color. If you saturate the color by 10%, you get **35.4809, 29.9819, 21.0258**, and if you desaturate by 10%, it is **43.7072, 41.7686, 38.1520**.

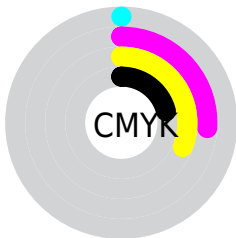
Distribution



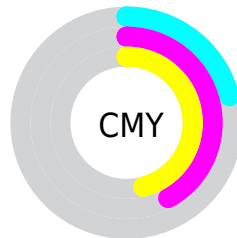
- Red (79%)
- Green (58%)
- Blue (54%)



- Red (79%)
- Yellow (59%)
- Blue (54%)



- Cyan (0%)
- Magenta (26%)
- Yellow (31%)
- Black (21%)




- Cyan (21%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2647, 35.4323, 28.8144 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 39.2647, 35.4323, 28.8144 by changing the saturation by 10% instead.


 39.2647, 35.4323,
28.8144


 39.2647, 35.4323,
28.8144


334.2024,
326.4724, 310.3717


 27.1474, 23.9961,
18.6961


 73.3340, 68.1549,
58.8207

 17.8211, 15.3307,
11.2763


 96.0167, 90.2101,
79.5458

 10.9205, 9.0518,
6.1365


 122.9518,
116.5738, 104.6436

 6.0803, 4.7750,
2.8581

154.5048,
147.6302, 134.5326

 2.9351, 2.1159,
1.0227

191.0410,
183.7639, 169.6314

 1.1195, 0.6735,
0.0000

232.9258,

 0.0414, 0.0000,

225.3593, 210.3585

0.0000

280.5245,
272.8006, 257.1324

■ 0.0000, 0.0000,
0.0000

■ 39.2647, 35.4323,
28.8144

■ 39.2647, 35.4323,
28.8144

■ 35.4809, 29.9819,
21.0258

■ 43.7072, 41.7686,
38.1520

■ 32.3213, 25.3729,
14.7001

■ 48.8349, 49.0228,
49.1139

■ 29.7525, 21.5647,
9.7459

■ 54.6765, 57.2312,
61.7733

■ 27.7370, 18.5110,
6.0611

■ 61.2580, 66.4268,
76.1982

■ 26.2326, 16.1609,
3.5286

■ 68.6043, 76.6411,
92.4529

■ 25.1906, 14.4570,
2.0097

■ 76.1536, 87.6700,
107.5160

■ 24.6017, 13.4461,
1.2987

■ 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



40.5667, 35.4323, 36.9079



39.2647, 35.4323, 28.8144



36.4715, 35.4323, 24.0368

Triad

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



39.2647, 35.4323, 28.8144



28.1183, 35.4323, 31.3018



34.2732, 35.4323, 60.2211

Complementary

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



39.2647, 35.4323, 28.8144



39.6539, 46.8802, 62.2171

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.



31.0297, 35.4323, 58.0505



39.2647, 35.4323, 28.8144



27.6158, 35.4323, 40.3014

Square

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



39.2647, 35.4323, 28.8144



30.0682, 35.4323, 25.2959



28.6469, 35.4323, 50.3343



37.5643, 35.4323, 55.8510

Rectangle

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



39.2647, 35.4323, 28.8144



34.2197, 35.4323, 22.8559



28.6469, 35.4323, 50.3343



33.1407, 35.4323, 60.2389

Sweetspot

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



39.2656, 35.4340, 28.8151



85.7201, 86.9041, 88.6374



42.6407, 34.3806, 53.9969



18.0456, 18.1757, 18.3205



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.



39.2656, 35.4340, 28.8151



62.4574, 53.8065, 39.4867



44.7851, 46.4728, 30.6549



10.7676, 10.9044, 11.1000



15.5128, 8.5427, 0.8313



0.7787, 0.4928, 0.0541

Inverse Universe

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



39.6539, 46.8802, 62.2171



63.2163, 76.5915, 106.0595



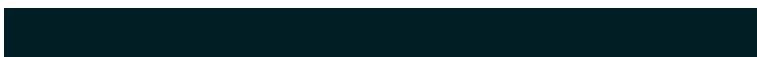
33.6036, 34.7796, 60.2003



10.7978, 11.7696, 13.6201



15.6149, 20.6237, 37.9021



0.7789, 1.0557, 1.8079

Previews

White Background



This preview shows how the XYZ color 39.2647, 35.4323, 28.8144 looks on a white background.

Color Contrast Check

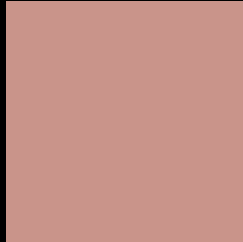
Large Text (above 18pt) WCAG AA × Fail

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 39.2647, 35.4323, 28.8144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

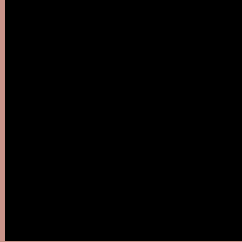
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2647, 35.4323, 28.8144

Background



This preview shows how black text looks on a background with the XYZ color 39.2647, 35.4323, 28.8144.



This preview shows how white text looks on a background with the XYZ color 39.2647, 35.4323,

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

39.2647, 35.4323, 28.8144

Protanopia

33.7533, 35.4801, 31.4549

Deuteranopia

36.2443, 35.5631, 28.6210



Tritanopia

40.7548, 35.3476, 36.1273

Trichromacy



Original Color

39.2647, 35.4323, 28.8144

Protanomaly

35.5933, 35.4332, 30.5545

Deuteranomaly

37.2295, 35.3390, 28.5258

Tritanomaly

40.0608, 35.2843, 33.1329

Monochromacy



Original Color

39.2647, 35.4323, 28.8144

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.1911, 36.1339, 35.6389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2647, 35.4323, 28.8144 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, 148, 138)` looks like.

```
.text, #text, p{  
    color:rgb(201, 148, 138)  
}
```

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, 148, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 148, 138) }
```

Border

The CSS property to change the border of an element to XYZ 39.2647, 35.4323, 28.8144 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, 148, 138) }
```


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

```
.border{ border-color:rgb(201, 148, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 148, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 148, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 148, 138);  
box-shadow:4px 4px 4px 4px rgb(201, 148,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2647, 35.4323, 28.8144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 148, 138) }
```

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

```
.background{ background-color: rgb(201,  
148, 138) }
```

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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