

Converting Colors

XYZ(40.9624, 35.3992, 28.7334)

Have a look what the booklet for
XYZ(40.9624, 35.3992, 28.7334)
contains.

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Color

**XYZ(40.8552, 35.3368,
28.7121)**

Conversions

Conversions Part 1

Format	Color
Hex	D1908A
RGB	209, 144, 138
RGB Percent	82%, 56%, 54%
CMY	0.1804, 0.4353, 0.4588
CMYK	0.00, 0.31, 0.34, 0.18
HSL	5°, 44%, 68%
HSV	5°, 34%, 82%
XYZ	40.8552, 35.3368, 28.7121
YIQ	162.7510, 40.6660, 11.9140

Conversions

Conversions Part 2

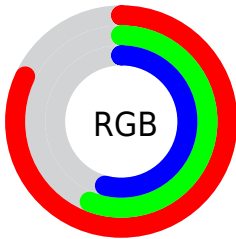
Format	Color
R _Y B	209, 145, 138
Decimal	13734026
CIE Lab	66.01, 23.85, 13.14
CIE LCh	66, 27.236, 28.856
Yxy	35.3368, 0.3895, 0.3368
Android (android.graphics.Color)	4291924106 (0xFFD1908A)
YUV	162.7510, -12.2022, 40.5604
Hunter-Lab	59.4448, 18.6511, 12.9740

Details

The XYZ color **40.8552, 35.3368, 28.7121** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.3450, 52.7167, 68.2125**, and the grayscale version is **34.7384, 36.5475, 39.8003**.

A 20% lighter version of the original color is **70.8381, 65.4098, 58.1820**, and **18.8127, 15.3056, 11.1953** is the 20% darker color. If you saturate the color by 10%, you get **36.8289, 29.4771, 20.6093**, and if you desaturate by 10%, it is **45.6656, 42.2985, 38.5135**.

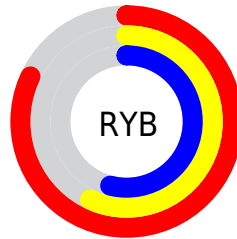
Distribution



Red (82%)

Green (56%)

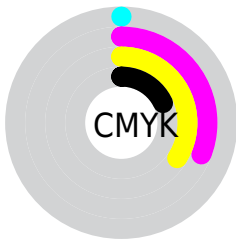
Blue (54%)



Red (82%)

Yellow (57%)

Blue (54%)

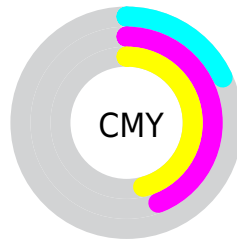


Cyan (0%)

Magenta (31%)

Yellow (34%)

Black (18%)



Cyan (18%)


Magenta (44%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8552, 35.3368, 28.7121 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 40.8552, 35.3368, 28.7121 by changing the saturation by 10% instead.


 40.8552, 35.3368,
28.7121


 40.8552, 35.3368,
28.7121


340.7880,
326.0525, 309.8724


 28.3931, 23.9224,
18.6194


 75.7401, 68.0072,
58.6561

 18.7642, 15.2761,
11.2216


 98.8937, 90.0320,
79.3445

 11.6030, 9.0134,
6.1000


 126.3418,
116.3624, 104.4018

 6.5442, 4.7499,
2.8362

158.4498,
147.3829, 134.2467

 3.2225, 2.1013,
1.0116

195.5831,
183.4777, 169.2977

 1.2725, 0.6653,
0.0000

238.1070,

 0.1625, 0.0000,

225.0313, 209.9733

0.0000

286.3868,
272.4281, 256.6920

■ 0.0000, 0.0000,
0.0000

■ 40.8552, 35.3368,
28.7121

■ 40.8552, 35.3368,
28.7121

■ 36.8289, 29.4771,
20.6093

■ 45.6656, 42.2985,
38.5135

■ 33.5424, 24.6582,
14.1065

■ 51.2959, 50.4093,
50.1002

■ 30.9514, 20.8205,
9.0982

■ 57.7827, 59.7197,
63.5557

■ 29.0054, 17.8965,
5.4652

■ 65.1599, 70.2758,
78.9575

■ 27.6471, 15.8100,
3.0704

■ 73.4593, 82.1211,
96.3788

■ 26.8092, 14.4724,
1.7479

■ 80.1045, 92.2953,
108.2006

■ 26.5056, 13.9775,
1.3009

Harmonies

Analogous

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



41.9617, 35.3368, 38.9214



40.8552, 35.3368, 28.7121



37.7639, 35.3368, 22.4113

Triad

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



40.8552, 35.3368, 28.7121



27.3706, 35.3368, 28.0842



33.4318, 35.3368, 65.2610

Complementary

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



40.8552, 35.3368, 28.7121



43.3450, 52.7167, 68.2125

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.



29.7293, 35.3368, 60.8146



40.8552, 35.3368, 28.7121



26.4073, 35.3368, 38.0336

Square

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



40.8552, 35.3368, 28.7121



29.9775, 35.3368, 22.1031



27.2356, 35.3368, 50.2344



37.4743, 35.3368, 61.4189

Rectangle

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



40.8552, 35.3368, 28.7121



35.1095, 35.3368, 20.5242



27.2356, 35.3368, 50.2344



32.1083, 35.3368, 64.6728

Sweetspot

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



40.8561, 35.3385, 28.7128



84.2128, 84.4652, 86.3602



46.1726, 36.0484, 61.0766



17.7232, 17.6456, 17.8595



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.



40.8561, 35.3385, 28.7128



59.2297, 48.3733, 35.2597



47.0859, 47.7980, 30.7894



11.8880, 11.9666, 12.2953



16.3726, 8.6782, 0.8121



0.9439, 0.5422, 0.0549

Inverse Universe

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



43.3450, 52.7167, 68.2125



63.7146, 79.7546, 106.6438



35.9160, 37.8587, 65.7362



12.0693, 13.2289, 15.1610



18.6625, 25.9716, 41.2219



1.0693, 1.5037, 2.3135

Previews

White Background



This preview shows how the XYZ color 40.8552, 35.3368, 28.7121 looks on a white background.

Color Contrast Check

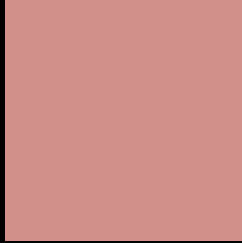
Large Text (above 18pt) WCAG AA × Fail

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 40.8552, 35.3368, 28.7121 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 40.8552, 35.3368, 28.7121

Background



This preview shows how black text looks on a background with the XYZ color 40.8552, 35.3368, 28.7121.



This preview shows how white text looks on a background with the XYZ color 40.8552, 35.3368,

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

40.8552, 35.3368, 28.7121

Protanopia

33.6955, 35.4324, 32.2573

Deuteranopia

36.1729, 35.5346, 28.2449



Tritanopia

42.0011, 35.3475, 34.7461

Trichromacy



Original Color

40.8552, 35.3368, 28.7121

Protanomaly

35.8049, 35.0395, 30.8628

Deuteranomaly

37.8301, 35.4087, 28.5076

Tritanomaly

41.7461, 35.4847, 32.6659

Monochromacy



Original Color

40.8552, 35.3368, 28.7121

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.5436, 35.8133, 35.5585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8552, 35.3368, 28.7121 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(209, 144, 138)` looks like.

```
.text, #text, p{  
    color:rgb(209, 144, 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(209, 144, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 144, 138) }
```

Border

The CSS property to change the border of an element to XYZ 40.8552, 35.3368, 28.7121 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(209, 144, 138) }
```


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

```
.border{ border-color:rgb(209, 144, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 144, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 144, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 144, 138);  
box-shadow:4px 4px 4px 4px rgb(209, 144,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8552, 35.3368, 28.7121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 144, 138) }
```

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

```
.background{ background-color: rgb(209,  
144, 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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