

Converting Colors

XYZ(40.3144, 34.0472, 28.6580)

Have a look what the booklet for
XYZ(40.3144, 34.0472, 28.6580)
contains.

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Color

**XYZ(40.1146, 33.8555,
28.4653)**

Conversions

Conversions Part 1

Format	Color
Hex	D18B8A
RGB	209, 139, 138
RGB Percent	82%, 55%, 54%
CMY	0.1804, 0.4549, 0.4588
CMYK	0.00, 0.33, 0.34, 0.18
HSL	1°, 44%, 68%
HSV	1°, 34%, 82%
XYZ	40.1146, 33.8555, 28.4653
YIQ	159.8160, 42.0410, 14.5290

Conversions

Conversions Part 2

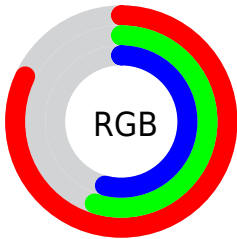
Format	Color
R_{YB}	209, 139, 138
Decimal	13732746
CIE Lab	64.85, 26.57, 11.51
CIE LCh	65, 28.956, 23.420
Yxy	33.8555, 0.3916, 0.3305
Android (android.graphics.Color)	4291922826 (0xFFD18B8A)
YUV	159.8160, -10.7553, 43.1344
Hunter-Lab	58.1855, 21.2380, 11.7242

Details

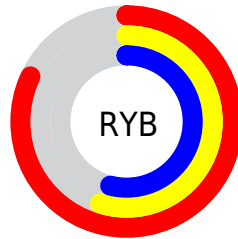
The XYZ color **40.1146, 33.8555, 28.4653** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.5450, 55.1167, 68.6126**, and the grayscale version is **33.3640, 35.1016, 38.2256**.

A 20% lighter version of the original color is **69.7139, 63.1615, 57.8073**, and **18.3880, 14.4563, 11.0537** is the 20% darker color. If you saturate the color by 10%, you get **36.0372, 27.8936, 20.3454**, and if you desaturate by 10%, it is **45.0473, 41.0616, 38.3074**.

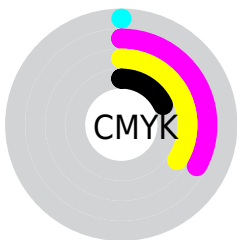
Distribution



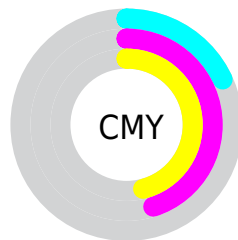
- Red (82%)
- Green (55%)
- Blue (54%)



- Red (82%)
- Yellow (55%)
- Blue (54%)



- Cyan (0%)
- Magenta (33%)
- Yellow (34%)
- Black (18%)





- Cyan (18%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1146, 33.8555, 28.4653 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 40.1146, 33.8555, 28.4653 by changing the saturation by 10% instead.


 40.1146, 33.8555,
28.4653


 40.1146, 33.8555,
28.4653


337.7325,
319.4873, 308.6653


 27.8125, 22.7826,
18.4346


 74.6212, 65.7089,
58.2585

 18.3241, 14.4331,
11.0898


 97.5565, 87.2582,
78.8580

 11.2840, 8.4225,
6.0123


 124.7668,
113.0684, 103.8177

 6.3269, 4.3665,
2.7837

156.6176,
143.5240, 133.5559

 3.0874, 1.8806,
0.9853

193.4742,
179.0092, 168.4912

 1.2002, 0.5367,
0.0000

235.7020,

 0.1065, 0.0000,

219.9086, 209.0421

0.0000

283.6663,
266.6065, 255.6273

■ 0.0000, 0.0000,
0.0000

■ 40.1146, 33.8555,
28.4653

■ 40.1146, 33.8555,
28.4653

■ 36.0372, 27.8936,
20.3454

■ 45.0473, 41.0616,
38.3074

■ 32.7638, 23.1009,
13.8470

■ 50.8771, 49.5716,
49.9607

■ 30.2422, 19.4021,
8.8618

■ 57.6465, 59.4471,
63.5104

■ 28.4127, 16.7111,
5.2677

■ 65.3943, 70.7445,
79.0358

■ 27.2065, 14.9287,
2.9235

■ 74.1574, 83.5170,
96.6116

■ 26.5409, 13.9358,
1.6584

■ 80.1046, 92.2954,
108.2006

■ 26.3267, 13.6195,
1.2413

Harmonies

Analogous

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



40.8229, 33.8555, 39.5586



40.1146, 33.8555, 28.4653



37.1995, 33.8555, 21.3216

Triad

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



40.1146, 33.8555, 28.4653



26.1576, 33.8555, 24.7974



31.2682, 33.8555, 64.7173

Complementary

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



40.1146, 33.8555, 28.4653



44.5450, 55.1167, 68.6126

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.



27.6312, 33.8555, 58.5586



40.1146, 33.8555, 28.4653



24.8498, 33.8555, 34.2925

Square

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



40.1146, 33.8555, 28.4653



29.0946, 33.8555, 19.5458



25.3651, 33.8555, 46.7682



35.4733, 33.8555, 62.2162

Rectangle

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



40.1146, 33.8555, 28.4653



34.5223, 33.8555, 18.9382



25.3651, 33.8555, 46.7682



29.9435, 33.8555, 63.5545

Sweetspot

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



40.1155, 33.8571, 28.4660



83.7108, 83.4612, 86.1929



46.8919, 36.3361, 64.8639



17.6031, 17.4053, 17.8195



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.



40.1155, 33.8571, 28.4660



57.9980, 45.9098, 34.8492



45.9219, 45.4699, 30.4014



11.8220, 11.8346, 12.2733



16.2382, 8.4095, 0.7673



0.9128, 0.4798, 0.0445

Inverse Universe

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



44.5450, 55.1167, 68.6126



66.0008, 84.3270, 107.4059



37.0299, 40.0864, 66.1076



12.1435, 13.3772, 15.1857



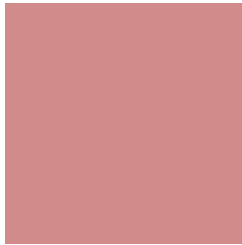
20.7175, 30.0817, 41.9069



1.1631, 1.6914, 2.3447

Previews

White Background



This preview shows how the XYZ color 40.1146, 33.8555, 28.4653 looks on a white background.

Color Contrast Check

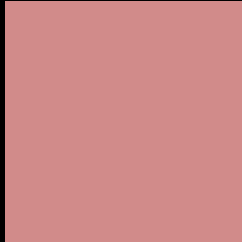
Large Text (above 18pt) WCAG AA × Fail

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 40.1146, 33.8555, 28.4653 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 40.1146, 33.8555, 28.4653

Background



This preview shows how black text looks on a background with the XYZ color 40.1146, 33.8555, 28.4653.



This preview shows how white text looks on a background with the XYZ color 40.1146, 33.8555,

28.4653.

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

40.1146, 33.8555, 28.4653

Protanopia

32.4277, 34.0071, 32.4587

Deuteranopia

34.7282, 34.0578, 28.0360



Tritanopia

40.8693, 33.7311, 32.3737

Trichromacy



Original Color

40.1146, 33.8555, 28.4653

Protanomaly

34.7628, 33.5296, 31.0252

Deuteranomaly

36.4349, 33.7499, 28.2610

Tritanomaly

40.7009, 33.8922, 30.7822

Monochromacy



Original Color

40.1146, 33.8555, 28.4653

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.2558, 34.1884, 34.4466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1146, 33.8555, 28.4653 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, 139, 138)` looks like.

```
.text, #text, p{  
    color:rgb(209, 139, 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, 139, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 139, 138) }
```

Border

The CSS property to change the border of an element to XYZ 40.1146, 33.8555, 28.4653 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, 139, 138) }
```


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

```
.border{ border-color:rgb(209, 139, 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, 139, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 139, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 139, 138);  
box-shadow:4px 4px 4px 4px rgb(209, 139,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1146, 33.8555, 28.4653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 139, 138) }
```

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

```
.background{ background-color: rgb(209,  
139, 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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