

Converting Colors

XYZ(38.1035, 36.0174, 28.9143)

Have a look what the booklet for
XYZ(38.1035, 36.0174, 28.9143)
contains.

XYZ(38.2268, 36.0868, 28.9954)	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(38.2268, 36.0868,
28.9954)**

Conversions

Conversions Part 1

Format	Color
Hex	C2998A
RGB	194, 153, 138
RGB Percent	76%, 60%, 54%
CMY	0.2392, 0.4000, 0.4588
CMYK	0.00, 0.21, 0.29, 0.24
HSL	16°, 31%, 65%
HSV	16°, 29%, 76%
XYZ	38.2268, 36.0868, 28.9954
YIQ	163.5490, 29.2510, 4.0270

Conversions

Conversions Part 2

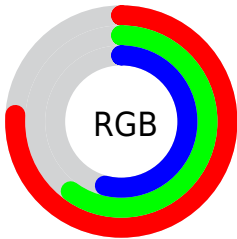
Format	Color
RYB	194, 158, 138
Decimal	12753290
CIELab	66.59, 13.10, 13.72
CIElCh	67, 18.967, 46.321
Yxy	36.0868, 0.3700, 0.3493
Android (android.graphics.Color)	4290943370 (0xFFC2998A)
YUV	163.5490, -12.5957, 26.7055
Hunter-Lab	60.0723, 8.4614, 13.4328

Details

The XYZ color **38.2268, 36.0868, 28.9954** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.3384, 41.5371, 57.1412**, and the grayscale version is **35.1214, 36.9504, 40.2390**.

A 20% lighter version of the original color is **71.5005, 68.8965, 58.8201**, and **17.1603, 15.6963, 11.3578** is the 20% darker color. If you saturate the color by 10%, you get **34.7581, 31.1999, 21.5177**, and if you desaturate by 10%, it is **42.2250, 41.6308, 37.8882**.

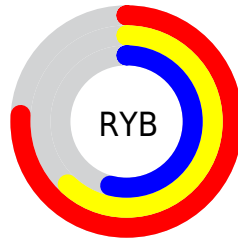
Distribution



Red (76%)

Green (60%)

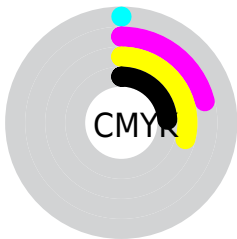
Blue (54%)



Red (76%)

Yellow (62%)

Blue (54%)

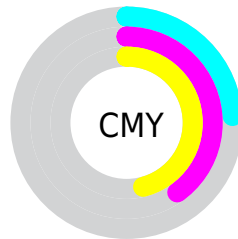


Cyan (0%)

Magenta (21%)

Yellow (29%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2268, 36.0868, 28.9954 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 38.2268, 36.0868, 28.9954 by changing the saturation by 10% instead.


 38.2268, 36.0868,
28.9954

 38.2268, 36.0868,
28.9954


329.8559,
329.3398, 311.2535


 26.3368, 24.5012,
18.8318


 71.7573, 69.1660,
59.1119

 17.2098, 15.7059,
11.3732

 94.1285, 91.4285,
79.9018

 10.4804, 9.3163,
6.2011


 120.7241,
118.0187, 105.0710

 5.7833, 4.9480,
2.8970

151.9095,
149.3210, 135.0378

 2.7532, 2.2168,
1.0423

188.0500,
185.7199, 170.2210

 1.0246, 0.7291,
0.0000

229.5110,

 0.0000, 0.0000,

227.5997, 211.0390

0.0000

276.6579,
275.3449, 257.9103

■ 38.2268, 36.0868,
28.9954

■ 38.2268, 36.0868,
28.9954

■ 34.7581, 31.1999,
21.5177

■ 42.2250, 41.6308,
37.8882

■ 31.7931, 26.9404,
15.3792

■ 46.7714, 47.8502,
48.2620

■ 29.3078, 23.2837,
10.5004

■ 51.8873, 54.7688,
60.1814

■ 27.2752, 20.2015,
6.7925

■ 57.5919, 62.4078,
73.7062

■ 25.6653, 17.6632,
4.1545

■ 63.9036, 70.7873,
88.8934

■ 24.4437, 15.6349,
2.4685

■ 70.8399, 79.9269,
105.7969

■ 23.5604, 14.0745,
1.5381

■ 75.2406, 88.5742,
107.7387

■ 23.4752, 13.9234,
1.4502

■ 76.0582, 90.2094,
108.0112

Harmonies

Analogous

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



39.8347, 36.0868, 35.0430



38.2268, 36.0868, 28.9954



35.6123, 36.0868, 25.9254

Triad

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



38.2268, 36.0868, 28.9954



29.2434, 36.0868, 35.6950



35.8633, 36.0868, 56.3698

Complementary

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



38.2268, 36.0868, 28.9954



36.3384, 41.5371, 57.1412

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.



33.0192, 36.0868, 56.6085



38.2268, 36.0868, 28.9954



29.3022, 36.0868, 43.8722

Square

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



38.2268, 36.0868, 28.9954



30.4851, 36.0868, 29.4155



30.6507, 36.0868, 51.7773



38.4193, 36.0868, 51.1643

Rectangle

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



38.2268, 36.0868, 28.9954



33.6993, 36.0868, 25.6611



30.6507, 36.0868, 51.7773



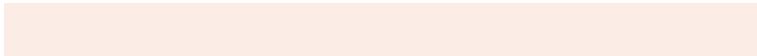
34.9066, 36.0868, 57.0560

Sweetspot

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



38.2278, 36.0885, 28.9961



84.4958, 86.3631, 86.8802



39.4803, 32.9040, 46.9537



18.2230, 18.5304, 18.3796



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.



38.2278, 36.0885, 28.9961



64.9506, 59.3299, 43.1943



43.3461, 46.3252, 30.7023



10.2879, 10.5071, 10.5477



15.4929, 9.2717, 0.9730



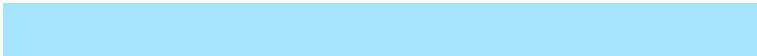
0.7284, 0.5186, 0.0617

Inverse Universe

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



36.3384, 41.5371, 57.1412



60.9285, 70.8741, 102.9386



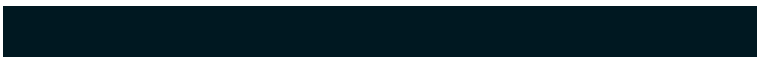
31.2965, 31.4534, 55.4606



10.1329, 10.9571, 12.8657



12.8344, 15.4253, 35.8576



0.6088, 0.7750, 1.5674

Previews

White Background



This preview shows how the XYZ color 38.2268, 36.0868, 28.9954 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 38.2268, 36.0868, 28.9954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

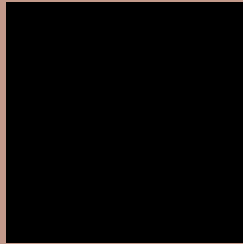
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2268, 36.0868, 28.9954

Background



This preview shows how black text looks on a background with the XYZ color 38.2268, 36.0868, 28.9954.



This preview shows how white text looks on a background with the XYZ color 38.2268, 36.0868,

28.9954.

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

38.2268, 36.0868, 28.9954

Protanopia

34.3804, 36.3397, 30.7934

Deuteranopia

36.8973, 36.1479, 28.6994



Tritanopia

40.3653, 36.2562, 38.5889

Trichromacy



Original Color

38.2268, 36.0868, 28.9954

Protanomaly

35.7963, 36.3031, 30.3198

Deuteranomaly

37.4719, 36.1960, 28.6785

Tritanomaly

39.5813, 36.1689, 35.0321

Monochromacy



Original Color

38.2268, 36.0868, 28.9954

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.1664, 36.6221, 36.1729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2268, 36.0868, 28.9954 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(194, 153, 138)` looks like.

```
.text, #text, p{  
    color:rgb(194, 153, 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(194, 153, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 153, 138) }
```

Border

The CSS property to change the border of an element to XYZ 38.2268, 36.0868, 28.9954 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(194, 153, 138) }
```


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

```
.border{ border-color:rgb(194, 153, 138) }
```

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

Here you see how a box with a 4 pixel rgb(194, 153, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 153, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 153, 138);  
box-shadow:4px 4px 4px 4px rgb(194, 153,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2268, 36.0868, 28.9954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 153, 138) }
```

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

```
.background{ background-color: rgb(194,  
153, 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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