

Converting Colors

XYZ(37.9697, 33.4469, 28.2631)

Have a look what the booklet for
XYZ(37.9697, 33.4469, 28.2631)
contains.

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Color

**XYZ(38.0078, 33.4315,
28.1166)**

Conversions

Conversions Part 1

Format	Color
Hex	C88E89
RGB	200, 142, 137
RGB Percent	78%, 56%, 54%
CMY	0.2157, 0.4431, 0.4627
CMYK	0.00, 0.29, 0.31, 0.22
HSL	5°, 36%, 66%
HSV	5°, 31%, 78%
XYZ	38.0078, 33.4315, 28.1166
YIQ	158.7720, 36.1730, 10.7410

Conversions

Conversions Part 2

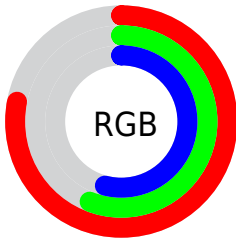
Format	Color
R_{YB}	200, 142, 137
Decimal	13143689
CIE _{Lab}	64.51, 21.35, 11.45
CIE _{LCh}	65, 24.223, 28.206
Yxy	33.4315, 0.3818, 0.3358
Android (android.graphics.Color)	4291333769 (0xFFC88E89)
YUV	158.7720, -10.7336, 36.1570
Hunter-Lab	57.8200, 16.1515, 11.6425

Details

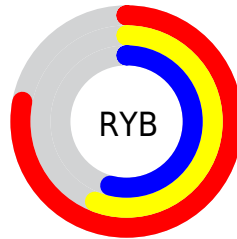
The XYZ color **38.0078, 33.4315, 28.1166** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2563, 48.5172, 61.8868**, and the grayscale version is **32.8872, 34.5999, 37.6792**.

A 20% lighter version of the original color is **70.2742, 64.4576, 57.4529**, and **16.9630, 14.0996, 10.8443** is the 20% darker color. If you saturate the color by 10%, you get **34.1873, 27.8774, 20.4090**, and if you desaturate by 10%, it is **42.5485, 40.0000, 37.3770**.

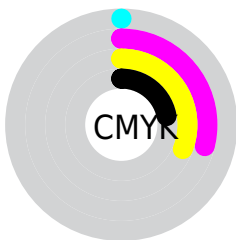
Distribution



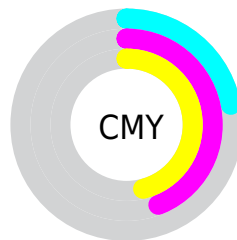
- Red (78%)
- Green (56%)
- Blue (54%)



- Red (78%)
- Yellow (56%)
- Blue (54%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (22%)




- Cyan (22%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0078, 33.4315, 28.1166 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 38.0078, 33.4315, 28.1166 by changing the saturation by 10% instead.


 38.0078, 33.4315,
28.1166


 38.0078, 33.4315,
28.1166


328.9337,
317.5896, 306.9531


 26.1660, 22.4572,
18.1738

 71.4239, 65.0486,
57.6959

 17.0812, 14.1932,
10.9041


 93.7289, 86.4602,
78.1694

 10.3881, 8.2552,
5.8890


 120.2524,
112.1198, 102.9903

 5.7212, 4.2587,
2.7100

151.3596,
142.4116, 132.5770

 2.7154, 1.8193,
0.9485

187.4160,
177.7201, 167.3481

 1.0051, 0.4992,
0.0000

228.7869,

 0.0000, 0.0000,

218.4296, 207.7221

0.0000

275.8377,
264.9247, 254.1176

■ 38.0078, 33.4315,
28.1166

■ 38.0078, 33.4315,
28.1166

■ 34.1873, 27.8774,
20.4090

■ 42.5485, 40.0000,
37.3770

■ 31.0474, 23.2828,
14.1672

■ 47.8411, 47.6250,
48.2666

■ 28.5488, 19.5946,
9.2988

■ 53.9183, 56.3520,
60.8592

■ 26.6470, 16.7527,
5.7002

■ 60.8105, 66.2222,
75.2236

■ 25.2918, 14.6897,
3.2527

■ 68.5463, 77.2750,
91.4245

■ 24.4248, 13.3281,
1.8156

■ 76.8288, 89.4181,
107.8179

■ 24.0031, 12.6466,
1.1759

■ 77.6295, 91.0194,
108.0847

Harmonies

Analogous

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



38.9014, 33.4315, 37.0012



38.0078, 33.4315, 28.1166



35.4121, 33.4315, 22.4874

Triad

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



38.0078, 33.4315, 28.1166



26.4489, 33.4315, 27.2555



31.5677, 33.4315, 58.9645

Complementary

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



38.0078, 33.4315, 28.1166



40.2563, 48.5172, 61.8868

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.



28.3971, 33.4315, 55.1199



38.0078, 33.4315, 28.1166



25.5780, 33.4315, 35.8078

Square

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



38.0078, 33.4315, 28.1166



28.7332, 33.4315, 22.0574



26.2649, 33.4315, 46.1716



35.0256, 33.4315, 55.9105

Rectangle

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



38.0078, 33.4315, 28.1166



33.1552, 33.4315, 20.7517



26.2649, 33.4315, 46.1716



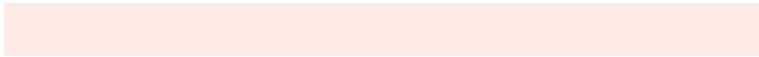
30.4348, 33.4315, 58.4241

Sweetspot

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



38.0087, 33.4331, 28.1173



85.1992, 85.8623, 88.4638



42.7064, 34.1475, 56.4457



17.9185, 17.9214, 18.2781



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.



38.0087, 33.4331, 28.1173



61.0195, 50.9307, 39.0074



43.2212, 43.8580, 29.8548



10.7004, 10.7700, 11.0776



15.2887, 8.0946, 0.7566



0.7479, 0.4312, 0.0438

Inverse Universe

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



40.2563, 48.5172, 61.8868



65.5238, 81.2064, 106.8287



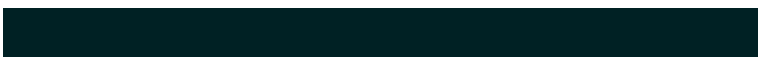
34.0714, 36.1473, 59.8251



10.8719, 11.9178, 13.6448



17.5730, 24.5400, 38.5549



0.8540, 1.2057, 1.8329

Previews

White Background



This preview shows how the XYZ color 38.0078, 33.4315, 28.1166 looks on a white background.

Color Contrast Check

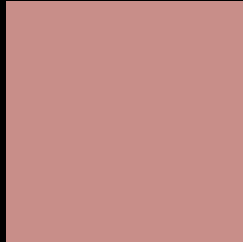
Large Text (above 18pt) WCAG AA × Fail

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 38.0078, 33.4315, 28.1166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

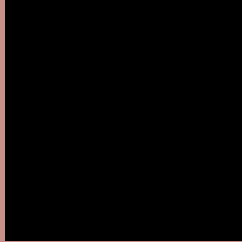
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0078, 33.4315, 28.1166

Background



This preview shows how black text looks on a background with the XYZ color 38.0078, 33.4315, 28.1166.



This preview shows how white text looks on a background with the XYZ color 38.0078, 33.4315,

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

38.0078, 33.4315, 28.1166

Protanopia

31.8228, 33.4719, 31.1690

Deuteranopia

34.2622, 33.5858, 27.5986



Tritanopia

39.0514, 33.4080, 33.6683

Trichromacy



Original Color

38.0078, 33.4315, 28.1166

Protanomaly

33.7788, 33.2864, 29.8439

Deuteranomaly

35.5274, 33.5222, 27.8905

Tritanomaly

38.8006, 33.5426, 31.6235

Monochromacy



Original Color

38.0078, 33.4315, 28.1166

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.4327, 34.0155, 34.0290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0078, 33.4315, 28.1166 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(200, 142, 137)` looks like.

```
.text, #text, p{  
    color:rgb(200, 142, 137)  
}
```

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(200, 142, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 142, 137) }
```

Border

The CSS property to change the border of an element to XYZ 38.0078, 33.4315, 28.1166 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(200, 142, 137) }
```


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

```
.border{ border-color:rgb(200, 142, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 142, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 142, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 142, 137);  
box-shadow:4px 4px 4px 4px rgb(200, 142,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0078, 33.4315, 28.1166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 142, 137) }
```

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

```
.background{ background-color: rgb(200,  
142, 137) }
```

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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