

Converting Colors

XYZ(38.0982, 32.5756, 28.2683)

Have a look what the booklet for
XYZ(38.0982, 32.5756, 28.2683)
contains.

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Color

**XYZ(38.0330, 32.5685,
28.3265)**

Conversions

Conversions Part 1

Format	Color
Hex	CA8A8A
RGB	202, 138, 138
RGB Percent	79%, 54%, 54%
CMY	0.2078, 0.4588, 0.4588
CMYK	0.00, 0.32, 0.32, 0.21
HSL	0°, 38%, 67%
HSV	0°, 32%, 79%
XYZ	38.0330, 32.5685, 28.3265
YIQ	157.1360, 38.1440, 13.5680

Conversions

Conversions Part 2

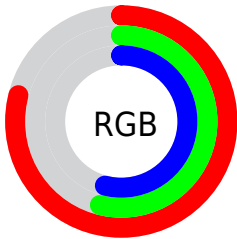
Format	Color
R _Y B	202, 138, 138
Decimal	13273738
CIE Lab	63.81, 24.44, 9.93
CIE LCh	64, 26.380, 22.107
Yxy	32.5685, 0.3845, 0.3292
Android (android.graphics.Color)	4291463818 (0xFFCA8A8A)
YUV	157.1360, -9.4340, 39.3457
Hunter-Lab	57.0688, 19.0893, 10.5192

Details

The XYZ color **38.0330, 32.5685, 28.3265** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.2615, 51.9066, 63.6686**, and the grayscale version is **32.1389, 33.8126, 36.8219**.

A 20% lighter version of the original color is **69.4936, 62.7209, 57.7338**, and **17.0237, 13.6320, 10.9665** is the 20% darker color. If you saturate the color by 10%, you get **34.0710, 26.7712, 20.4492**, and if you desaturate by 10%, it is **42.8077, 39.5555, 37.8173**.

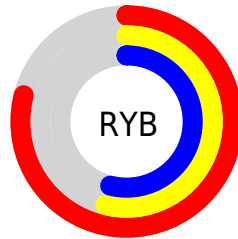
Distribution



Red (79%)

Green (54%)

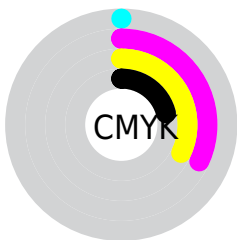
Blue (54%)



Red (79%)

Yellow (54%)

Blue (54%)

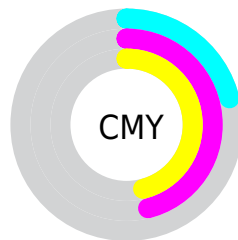


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (21%)



Cyan (21%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0330, 32.5685, 28.3265 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 38.0330, 32.5685, 28.3265 by changing the saturation by 10% instead.


 38.0330, 32.5685,
28.3265


 38.0330, 32.5685,
28.3265

329.0399,
313.7009, 307.9847


 26.1856, 21.7961,
18.3307


 71.4623, 63.7013,
58.0347

 17.0960, 13.7071,
11.0158


 93.7749, 84.8304,
78.5841

 10.3987, 7.9173,
5.9632


 120.3067,
110.1806, 103.4886

 5.7284, 4.0421,
2.7543

151.4229,
140.1362, 133.1666

 2.7197, 1.6971,
0.9706

187.4890,
175.0816, 168.0367

 1.0073, 0.4218,
0.0000

228.8703,

 0.0000, 0.0000,

215.4013, 208.5173

0.0000

275.9322,
261.4796, 255.0271

■ 38.0330, 32.5685,
28.3265

■ 38.0330, 32.5685,
28.3265

■ 34.0710, 26.7712,
20.4492

■ 42.8077, 39.5555,
37.8173

■ 30.8740, 22.0931,
14.0939

■ 48.4339, 47.7883,
49.0021

■ 28.3935, 18.4633,
9.1629

■ 54.9514, 57.3251,
61.9588

■ 26.5742, 15.8011,
5.5465

■ 62.3964, 68.2191,
76.7594

■ 25.3530, 14.0140,
3.1191

■ 70.8032, 80.5206,
93.4723

■ 24.6543, 12.9915,
1.7304

■ 78.1671, 91.2965,
108.1099

■ 24.3573, 12.5569,
1.1399

Harmonies

Analogous

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



38.5586, 32.5685, 38.3365



38.0330, 32.5685, 28.3265



35.5384, 32.5685, 21.6788

Triad

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



38.0330, 32.5685, 28.3265



25.6687, 32.5685, 24.3523



29.9878, 32.5685, 59.7423

Complementary

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



38.0330, 32.5685, 28.3265



42.2615, 51.9066, 63.6686

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.



26.7843, 32.5685, 54.1143



38.0330, 32.5685, 28.3265



24.4237, 32.5685, 32.7341

Square

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



38.0330, 32.5685, 28.3265



28.3519, 32.5685, 19.7235



24.8153, 32.5685, 43.7042



33.7135, 32.5685, 57.9119

Rectangle

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



38.0330, 32.5685, 28.3265



33.1952, 32.5685, 19.3785



24.8153, 32.5685, 43.7042



28.8186, 32.5685, 58.6263

Sweetspot

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



38.0339, 32.5701, 28.3271



83.6111, 83.2618, 86.1597



44.1064, 34.9980, 60.3077



17.5792, 17.3576, 17.8115



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.



38.0339, 32.5701, 28.3271



59.6652, 48.2222, 38.5560



43.3194, 43.1412, 30.0890



11.2124, 11.2138, 11.6530



15.6736, 8.0802, 0.7336



0.8086, 0.4169, 0.0379

Inverse Universe

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



42.2615, 51.9066, 63.6686



67.9281, 86.0149, 107.6301



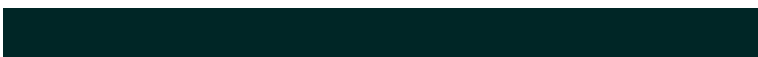
35.5169, 38.4172, 61.4204



11.5433, 12.7269, 14.4185



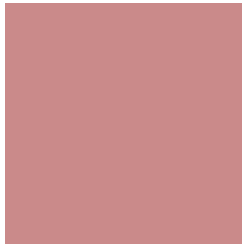
20.4487, 29.9214, 40.6539



1.0549, 1.5437, 2.0973

Previews

White Background



This preview shows how the XYZ color 38.0330, 32.5685, 28.3265 looks on a white background.

Color Contrast Check

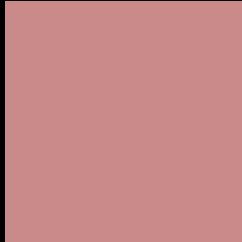
Large Text (above 18pt) WCAG AA × Fail

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 38.0330, 32.5685, 28.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

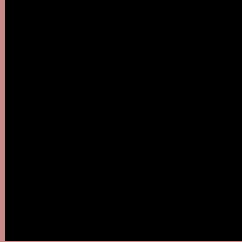
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0330, 32.5685, 28.3265

Background



This preview shows how black text looks on a background with the XYZ color 38.0330, 32.5685, 28.3265.



This preview shows how white text looks on a background with the XYZ color 38.0330, 32.5685,

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

38.0330, 32.5685, 28.3265

Protanopia

31.3193, 32.6914, 32.2631

Deuteranopia

33.3228, 32.6196, 27.8325



Tritanopia

38.8407, 32.6944, 31.8673

Trichromacy



Original Color

38.0330, 32.5685, 28.3265

Protanomaly

33.3031, 32.3074, 30.8662

Deuteranomaly

34.8905, 32.4960, 28.1003

Tritanomaly

38.6083, 32.6014, 30.6434

Monochromacy



Original Color

38.0330, 32.5685, 28.3265

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.6449, 32.8989, 33.4310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0330, 32.5685, 28.3265 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(202, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(202, 138, 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(202, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 138, 138) }
```

Border

The CSS property to change the border of an element to XYZ 38.0330, 32.5685, 28.3265 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(202, 138, 138) }
```


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

```
.border{ border-color:rgb(202, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(202, 138,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0330, 32.5685, 28.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 138, 138) }
```

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

```
.background{ background-color: rgb(202,  
138, 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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