

Converting Colors

XYZ(38.8534, 33.2219, 27.6572)

Have a look what the booklet for
XYZ(38.8534, 33.2219, 27.6572)
contains.

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Color

**XYZ(38.8534, 33.2219,
27.6572)**

Conversions

Conversions Part 1

Format	Color
Hex	CD8B88
RGB	205, 139, 136
RGB Percent	80%, 55%, 53%
CMY	0.1961, 0.4549, 0.4667
CMYK	0.00, 0.32, 0.34, 0.20
HSL	3°, 41%, 67%
HSV	3°, 34%, 80%
XYZ	38.8534, 33.2219, 27.6572
YIQ	158.3920, 40.2990, 13.0590

Conversions

Conversions Part 2

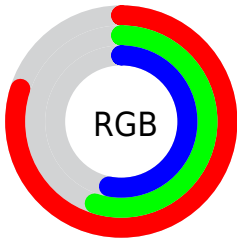
Format	Color
R_{YB}	205, 139, 136
Decimal	13470600
CIE _{Lab}	64.34, 24.79, 11.86
CIE _{LCh}	64, 27.475, 25.563
Yxy	33.2219, 0.3896, 0.3331
Android (android.graphics.Color)	4291660680 (0xFFCD8B88)
YUV	158.3920, -11.0393, 40.8752
Hunter-Lab	57.6384, 19.4575, 11.8972

Details

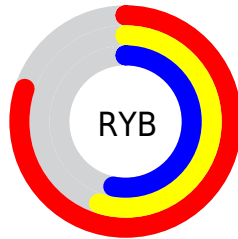
The XYZ color **38.8534, 33.2219, 27.6572** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.2926, 51.8814, 65.5428**, and the grayscale version is **32.7139, 34.4176, 37.4808**.

A 20% lighter version of the original color is **69.4953, 63.0741, 56.6558**, and **17.5639, 14.0409, 10.5885** is the 20% darker color. If you saturate the color by 10%, you get **34.9446, 27.5170, 19.8408**, and if you desaturate by 10%, it is **43.5518, 40.0597, 37.1123**.

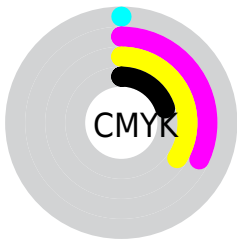
Distribution



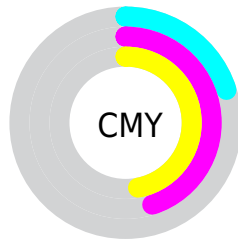
- Red (80%)
- Green (55%)
- Blue (53%)



- Red (80%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (32%)
- Yellow (34%)
- Black (20%)





- Cyan (20%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8534, 33.2219, 27.6572 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 38.8534, 33.2219, 27.6572 by changing the saturation by 10% instead.


 38.8534, 33.2219,
27.6572


 38.8534, 33.2219,
27.6572

332.4847,
316.6484, 304.6855


 26.8259, 22.2965,
17.8306


 72.7098, 64.7218,
56.9532

 17.5784, 14.0749,
10.6603


 95.2695, 86.0651,
77.2597

 10.7456, 8.1728,
5.7276


 122.0705,
111.6498, 101.8965

 5.9621, 4.2057,
2.6141

153.4784,
141.8603, 131.2823

 2.8625, 1.7893,
0.8997

189.8584,
177.0811, 165.8355

 1.0815, 0.4805,
0.0000

231.5758,

 0.0095, 0.0000,

217.6964, 205.9748

0.0000

278.9962,
264.0907, 252.1186

0.0000, 0.0000,
0.0000

38.8534, 33.2219,
27.6572

38.8534, 33.2219,
27.6572

34.9446, 27.5170,
19.8408

43.5518, 40.0597,
37.1123

31.7796, 22.8795,
13.5679

49.0771, 48.0820,
48.2896

29.3119, 19.2445,
8.7370

55.4672, 57.3428,
61.2697

27.4889, 16.5378,
5.2334

62.7571, 67.8915,
76.1271

26.2503, 14.6754,
2.9250

70.9798, 79.7748,
92.9325

■ 25.5244, 13.5579,
1.6524

■ 78.9869, 91.7192,
108.1483

■ 25.2738, 13.1729,
1.2106

Harmonies

Analogous

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



39.6781, 33.2219, 37.8639



38.8534, 33.2219, 27.6572



36.0202, 33.2219, 21.1662

Triad

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



38.8534, 33.2219, 27.6572



25.7745, 33.2219, 25.3150



30.9986, 33.2219, 62.1570

Complementary

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



38.8534, 33.2219, 27.6572



42.2926, 51.8814, 65.5428

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.



27.5141, 33.2219, 56.9881



38.8534, 33.2219, 27.6572



24.6602, 33.2219, 34.5333

Square

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



38.8534, 33.2219, 27.6572



28.4431, 33.2219, 20.0225



25.2700, 33.2219, 46.2787



34.9318, 33.2219, 59.2725

Rectangle

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



38.8534, 33.2219, 27.6572



33.4875, 33.2219, 19.0756



25.2700, 33.2219, 46.2787



29.7394, 33.2219, 61.2786

Sweetspot

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



38.8543, 33.2235, 27.6579



83.9197, 83.8790, 86.2625



44.7250, 34.8853, 60.6891



17.6530, 17.5052, 17.8361



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.



38.8543, 33.2235, 27.6579



59.1215, 47.8233, 36.2518



44.5263, 44.5675, 29.5485



11.2508, 11.2906, 11.6658



15.7519, 8.2367, 0.7596



0.8267, 0.4530, 0.0439

Inverse Universe

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



42.2926, 51.8814, 65.5428



65.5465, 82.7115, 107.1180



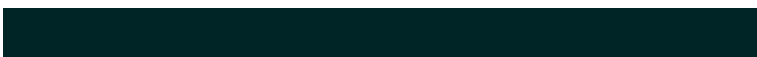
35.2127, 37.7215, 63.1829



11.4998, 12.6400, 14.4040



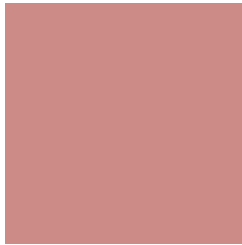
19.1781, 27.3801, 40.2304



1.0026, 1.4390, 2.0799

Previews

White Background



This preview shows how the XYZ color 38.8534, 33.2219, 27.6572 looks on a white background.

Color Contrast Check

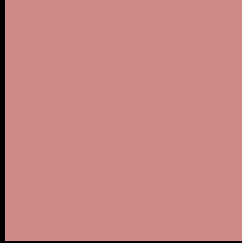
Large Text (above 18pt) WCAG AA × Fail

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 38.8534, 33.2219, 27.6572 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 38.8534, 33.2219, 27.6572

Background



This preview shows how black text looks on a background with the XYZ color 38.8534, 33.2219, 27.6572.



This preview shows how white text looks on a background with the XYZ color 38.8534, 33.2219,

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

38.8534, 33.2219, 27.6572

Protanopia

31.8996, 33.5026, 31.5734

Deuteranopia

33.7998, 33.1176, 27.1652



Tritanopia

39.7446, 33.1513, 32.3210

Trichromacy



Original Color

38.8534, 33.2219, 27.6572

Protanomaly

34.1489, 33.2307, 30.2055

Deuteranomaly

35.3911, 32.9984, 27.4257

Tritanomaly

39.5761, 33.3124, 30.7296

Monochromacy



Original Color

38.8534, 33.2219, 27.6572

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.2508, 33.4492, 33.5053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8534, 33.2219, 27.6572 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(205, 139, 136)` looks like.

```
.text, #text, p{  
    color:rgb(205, 139, 136)  
}
```

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(205, 139, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 139, 136) }
```

Border

The CSS property to change the border of an element to XYZ 38.8534, 33.2219, 27.6572 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(205, 139, 136) }
```


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

```
.border{ border-color:rgb(205, 139, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 139, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 139, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 139, 136);  
box-shadow:4px 4px 4px 4px rgb(205, 139,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8534, 33.2219, 27.6572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 139, 136) }
```

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

```
.background{ background-color: rgb(205,  
139, 136) }
```

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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