

Converting Colors

XYZ(42.2843, 38.1596, 34.8945)

Have a look what the booklet for
XYZ(42.2843, 38.1596, 34.8945)
contains.

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Color

**XYZ(42.2356, 38.0286,
34.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9998
RGB	205, 153, 152
RGB Percent	80%, 60%, 60%
CMY	0.1961, 0.4000, 0.4039
CMYK	0.00, 0.25, 0.26, 0.20
HSL	1°, 35%, 70%
HSV	1°, 26%, 80%
XYZ	42.2356, 38.0286, 34.8200
YIQ	168.4340, 31.3130, 10.7130

Conversions

Conversions Part 2

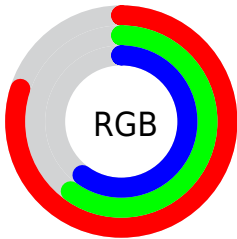
Format	Color
R _Y B	205, 153, 152
Decimal	13474200
CIE Lab	68.04, 19.30, 8.13
CIE LCh	68, 20.943, 22.845
Yxy	38.0286, 0.3670, 0.3304
Android (android.graphics.Color)	4291664280 (0xFFCD9998)
YUV	168.4340, -8.1020, 32.0684
Hunter-Lab	61.6673, 14.3358, 9.6895

Details

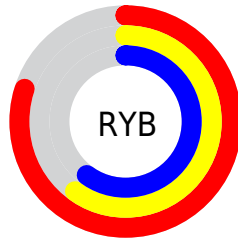
The XYZ color **42.2356, 38.0286, 34.8200** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5607, 54.2674, 65.8313**, and the grayscale version is **37.4615, 39.4124, 42.9201**.

A 20% lighter version of the original color is **74.9365, 70.8280, 68.1141**, and **19.6780, 16.9264, 14.5419** is the 20% darker color. If you saturate the color by 10%, you get **37.6807, 31.3774, 25.7217**, and if you desaturate by 10%, it is **47.6376, 45.9090, 45.6332**.

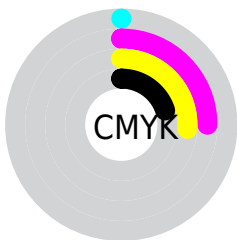
Distribution



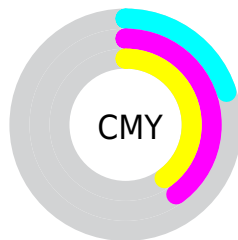
- Red (80%)
- Green (60%)
- Blue (60%)



- Red (80%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2356, 38.0286, 34.8200 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 42.2356, 38.0286, 34.8200 by changing the saturation by 10% instead.


 42.2356, 38.0286,
34.8200


 42.2356, 38.0286,
34.8200


346.4337,
337.7426, 338.6532

 29.4777, 26.0049,
23.2418


 77.8190, 72.1520,
68.3552

 19.5886, 16.8273,
14.5652


 101.3752, 95.0204,
91.1494

 12.2029, 10.1114,
8.3716


129.2617,
122.2726, 118.5192

 6.9552, 5.4729,
4.2425

161.8436,
154.2928, 150.8833

 3.4802, 2.5273,
1.7593

199.4864,
191.4655, 188.6602

 1.4125, 0.8903,
0.4009

242.5555,

 0.2651, 0.0000,

234.1752, 232.2685

0.0000

291.4161,
282.8061, 282.1266

■ 0.0000, 0.0000,
0.0000

■ 42.2356, 38.0286,
34.8200

■ 42.2356, 38.0286,
34.8200

■ 37.6807, 31.3774,
25.7217

■ 47.6376, 45.9090,
45.6332

■ 33.9271, 25.8885,
18.2481

■ 53.9233, 55.0706,
58.2405

■ 30.9293, 21.4968,
12.3042

■ 61.1309, 65.5687,
72.7190

■ 28.6361, 18.1286,
7.7844

■ 69.2955, 77.4539,
89.1408

■ 26.9900, 15.7012,
4.5696

■ 78.4503, 90.7742,
107.5739

■ 25.9243, 14.1191,
2.5213

■ 78.9870, 91.7192,
108.1483

■ 25.3577, 13.2662,
1.4682

■ 25.2191, 13.0635,
1.1923

Harmonies

Analogous

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



42.7289, 38.0286, 43.6834



42.2356, 38.0286, 34.8200



40.0651, 38.0286, 28.6823

Triad

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



42.2356, 38.0286, 34.8200



31.3753, 38.0286, 31.4820



35.3698, 38.0286, 61.8978

Complementary

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



42.2356, 38.0286, 34.8200



45.5607, 54.2674, 65.8313

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.



32.4894, 38.0286, 57.4278



42.2356, 38.0286, 34.8200



30.2748, 38.0286, 39.2105

Square

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



42.2356, 38.0286, 34.8200



33.7654, 38.0286, 26.9670



30.6701, 38.0286, 48.7757



38.6340, 38.0286, 60.2541

Rectangle

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



42.2356, 38.0286, 34.8200



38.0258, 38.0286, 26.5115



30.6701, 38.0286, 48.7757



34.3273, 38.0286, 61.0403

Sweetspot

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



42.2366, 38.0304, 34.8208



85.8821, 86.6439, 90.4921



47.3185, 39.8013, 62.3889



18.0370, 18.0421, 18.6762



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.



42.2366, 38.0304, 34.8208



64.8822, 56.0139, 48.4405



47.0418, 47.6407, 36.4225



11.2291, 11.2471, 11.6585



15.7076, 8.1481, 0.7449



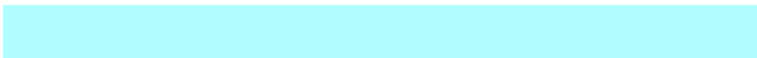
0.8164, 0.4326, 0.0405

Inverse Universe

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



45.5607, 54.2674, 65.8313



71.2274, 87.0127, 107.6488



39.8130, 42.7721, 63.9154



11.5244, 12.6891, 14.4122



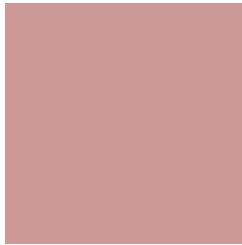
19.8882, 28.8003, 40.4671



1.0319, 1.4976, 2.0896

Previews

White Background



This preview shows how the XYZ color 42.2356, 38.0286, 34.8200 looks on a white background.

Color Contrast Check

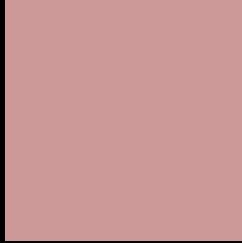
Large Text (above 18pt) WCAG AA × Fail

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 42.2356, 38.0286, 34.8200 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 42.2356, 38.0286, 34.8200

Background



This preview shows how black text looks on a background with the XYZ color 42.2356, 38.0286, 34.8200.



This preview shows how white text looks on a background with the XYZ color 42.2356, 38.0286,

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

42.2356, 38.0286, 34.8200

Protanopia

36.5077, 38.0714, 38.2252

Deuteranopia

38.8958, 38.0673, 34.5759



Tritanopia

43.1311, 37.8994, 39.6924

Trichromacy



Original Color

42.2356, 38.0286, 34.8200

Protanomaly

38.2741, 37.9573, 36.7617

Deuteranomaly

39.8910, 37.8176, 34.4752

Tritanomaly

42.9398, 38.0815, 37.8882

Monochromacy



Original Color

42.2356, 38.0286, 34.8200

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.6748, 38.6268, 39.5997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2356, 38.0286, 34.8200 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, 153, 152)` looks like.

```
.text, #text, p{  
    color:rgb(205, 153, 152)  
}
```

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, 153, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 153, 152) }
```

Border

The CSS property to change the border of an element to XYZ 42.2356, 38.0286, 34.8200 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, 153, 152) }
```


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

```
.border{ border-color:rgb(205, 153, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 153, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 153, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 153, 152);  
box-shadow:4px 4px 4px 4px rgb(205, 153,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2356, 38.0286, 34.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 153, 152) }
```

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

```
.background{ background-color: rgb(205,  
153, 152) }
```

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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