

Converting Colors

XYZ(41.8864, 38.0601, 31.7779)

Have a look what the booklet for
XYZ(41.8864, 38.0601, 31.7779)
contains.

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Color

**XYZ(42.1200, 38.2773,
31.9564)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9A91
RGB	206, 154, 145
RGB Percent	81%, 60%, 57%
CMY	0.1922, 0.3961, 0.4314
CMYK	0.00, 0.25, 0.30, 0.19
HSL	9°, 38%, 69%
HSV	9°, 30%, 81%
XYZ	42.1200, 38.2773, 31.9564
YIQ	168.5220, 33.8810, 8.2250

Conversions

Conversions Part 2

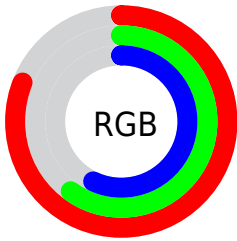
Format	Color
R _Y B	206, 156, 145
Decimal	13539985
CIE Lab	68.22, 18.16, 12.30
CIE LCh	68, 21.938, 34.112
Yxy	38.2773, 0.3749, 0.3407
Android (android.graphics.Color)	4291730065 (0xFFCE9A91)
YUV	168.5220, -11.5963, 32.8682
Hunter-Lab	61.8687, 13.2521, 12.6836

Details

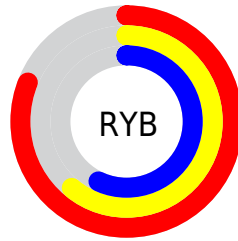
The XYZ color **42.1200, 38.2773, 31.9564** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7833, 50.4069, 65.8672**, and the grayscale version is **37.5206, 39.4746, 42.9878**.

A 20% lighter version of the original color is **74.3493, 70.9844, 63.8156**, and **19.4935, 17.0107, 13.0825** is the 20% darker color. If you saturate the color by 10%, you get **37.9842, 32.3214, 23.4388**, and if you desaturate by 10%, it is **46.9698, 45.1999, 42.1338**.

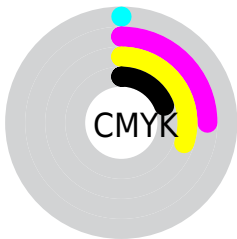
Distribution



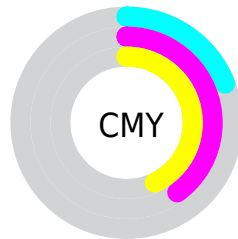
- Red (81%)
- Green (60%)
- Blue (57%)



- Red (81%)
- Yellow (61%)
- Blue (57%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (19%)





- Cyan (19%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1200, 38.2773, 31.9564 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 42.1200, 38.2773, 31.9564 by changing the saturation by 10% instead.


 42.1200, 38.2773,
31.9564


 42.1200, 38.2773,
31.9564


345.9633,
338.8080, 325.4072

 29.3868, 26.1980,
21.0637


 77.6452, 72.5330,
63.8398

 19.5194, 16.9718,
12.9788


 101.1680, 95.4781,
85.6676

 12.1524, 10.2144,
7.2834

129.0179,
122.8140, 111.9775

 6.9205, 5.5413,
3.5589

161.5604,
154.9250, 143.1880

 3.4583, 2.5682,
1.3866

199.1609,
192.1955, 179.7177

 1.4005, 0.9107,
0.1312

242.1846,

 0.2566, 0.0000,

235.0099, 221.9851

0.0000

290.9970,
283.7526, 270.4087

■ 0.0000, 0.0000,
0.0000

■ 42.1200, 38.2773,
31.9564

■ 42.1200, 38.2773,
31.9564

■ 37.9842, 32.3214,
23.4388

■ 46.9698, 45.1999,
42.1338

■ 34.5256, 27.2839,
16.4905

■ 52.5622, 53.1240,
54.0503

■ 31.7083, 23.1205,
11.0159

■ 58.9280, 62.0893,
67.7828

■ 29.4921, 19.7809,
6.9081

■ 66.0951, 72.1318,
83.4031

■ 27.8320, 17.2098,
4.0455

■ 74.0903, 83.2855,
100.9788

■ 26.6764, 15.3449,
2.2850

■ 79.2636, 91.8618,
108.1612

■ 25.9504, 14.1083,
1.3784

■ 25.9283, 14.0711,
1.3494

Harmonies

Analogous

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



43.3645, 38.2773, 40.3377



42.1200, 38.2773, 31.9564



39.3378, 38.2773, 26.8888

Triad

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



42.1200, 38.2773, 31.9564



30.7645, 38.2773, 33.9621



36.8564, 38.2773, 63.4998

Complementary

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



42.1200, 38.2773, 31.9564



42.7833, 50.4069, 65.8672

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.



33.5770, 38.2773, 61.0855



42.1200, 38.2773, 31.9564



30.1914, 38.2773, 43.0465

Square

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



42.1200, 38.2773, 31.9564



32.8065, 38.2773, 27.9128



31.1893, 38.2773, 53.1935



40.2070, 38.2773, 59.3546

Rectangle

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



42.1200, 38.2773, 31.9564



37.0623, 38.2773, 25.5701



31.1893, 38.2773, 53.1935



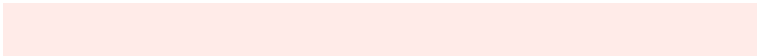
35.7090, 38.2773, 63.4322

Sweetspot

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



42.1210, 38.2791, 31.9572



85.6464, 86.7566, 88.6128



45.7569, 37.4441, 58.1614



18.0276, 18.1397, 18.3145



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.



42.1210, 38.2791, 31.9572



63.5417, 55.2572, 42.0611



47.6291, 49.2953, 33.7932



11.3438, 11.4764, 11.6967



16.0098, 8.7526, 0.8456



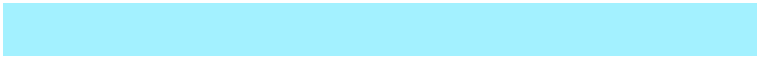
0.8699, 0.5394, 0.0583

Inverse Universe

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



42.7833, 50.4069, 65.8672



64.7838, 78.2048, 106.2883



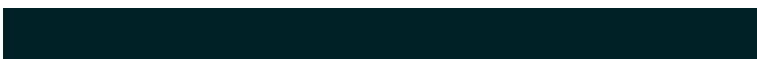
36.7040, 38.2484, 63.8408



11.3967, 12.4338, 14.3697



16.4269, 21.8777, 39.3133



0.8868, 1.2074, 2.0413

Previews

White Background



This preview shows how the XYZ color 42.1200, 38.2773, 31.9564 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 42.1200, 38.2773, 31.9564 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 42.1200, 38.2773, 31.9564

Background



This preview shows how black text looks on a background with the XYZ color 42.1200, 38.2773, 31.9564.



This preview shows how white text looks on a background with the XYZ color 42.1200, 38.2773,

31.9564.

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

42.1200, 38.2773, 31.9564

Protanopia

36.4557, 38.3910, 34.7669

Deuteranopia

39.0907, 38.2316, 31.7047



Tritanopia

43.6899, 38.1875, 39.7185

Trichromacy



Original Color

42.1200, 38.2773, 31.9564

Protanomaly

38.3527, 38.3249, 33.8098

Deuteranomaly

40.0259, 38.2031, 31.6499

Tritanomaly

42.9611, 38.1222, 36.5465

Monochromacy



Original Color

42.1200, 38.2773, 31.9564

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.9120, 39.0341, 38.7411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1200, 38.2773, 31.9564 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(206, 154, 145)` looks like.

```
.text, #text, p{  
    color:rgb(206, 154, 145)  
}
```

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(206, 154, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 154, 145) }
```

Border

The CSS property to change the border of an element to XYZ 42.1200, 38.2773, 31.9564 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(206, 154, 145) }
```


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

```
.border{ border-color:rgb(206, 154, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 154, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 154, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 154, 145);  
box-shadow:4px 4px 4px 4px rgb(206, 154,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1200, 38.2773, 31.9564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 154, 145) }
```

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

```
.background{ background-color: rgb(206,  
154, 145) }
```

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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