

Converting Colors

XYZ(40.2550, 37.3835, 31.9618)

Have a look what the booklet for
XYZ(40.2550, 37.3835, 31.9618)
contains.

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Color

**XYZ(40.2196, 37.2977,
31.8674)**

Conversions

Conversions Part 1

Format	Color
Hex	C79A91
RGB	199, 154, 145
RGB Percent	78%, 60%, 57%
CMY	0.2196, 0.3961, 0.4314
CMYK	0.00, 0.23, 0.27, 0.22
HSL	10°, 33%, 67%
HSV	10°, 27%, 78%
XYZ	40.2196, 37.2977, 31.8674
YIQ	166.4290, 29.7090, 6.7410

Conversions

Conversions Part 2

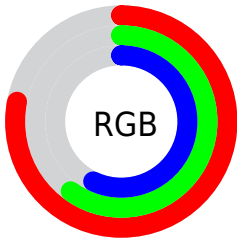
Format	Color
R _Y B	199, 156, 145
Decimal	13081233
CIE Lab	67.50, 15.47, 11.18
CIE LCh	67, 19.082, 35.855
Yxy	37.2977, 0.3677, 0.3410
Android (android.graphics.Color)	4291271313 (0xFFC79A91)
YUV	166.4290, -10.5645, 28.5648
Hunter-Lab	61.0718, 10.6776, 11.8127

Details

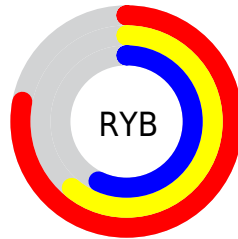
The XYZ color **40.2196, 37.2977, 31.8674** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.3986, 46.9685, 60.9695**, and the grayscale version is **36.4935, 38.3940, 41.8111**.

A 20% lighter version of the original color is **74.3493, 70.9844, 63.8156**, and **18.4174, 16.4560, 13.0321** is the 20% darker color. If you saturate the color by 10%, you get **36.2673, 31.6374, 23.6310**, and if you desaturate by 10%, it is **44.8208, 43.8252, 41.6469**.

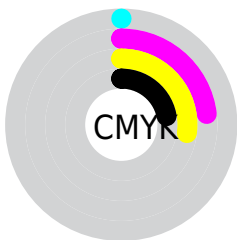
Distribution



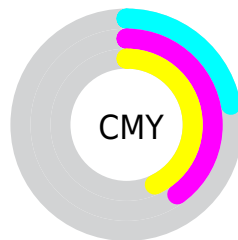
- Red (78%)
- Green (60%)
- Blue (57%)



- Red (78%)
- Yellow (61%)
- Blue (57%)



- Cyan (0%)
- Magenta (23%)
- Yellow (27%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2196, 37.2977, 31.8674 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 40.2196, 37.2977, 31.8674 by changing the saturation by 10% instead.


 40.2196, 37.2977,
31.8674


 40.2196, 37.2977,
31.8674


338.1669,
334.5976, 324.9889

 27.8948, 25.4381,
20.9963

 74.7800, 71.0304,
63.6986

 18.3864, 16.4037,
12.9300


 97.7463, 93.6723,
85.4958

 11.3291, 9.8103,
7.2502


124.9905,
120.6770, 111.7721

 6.3576, 5.2734,
3.5383

156.8779,
152.4290, 142.9460

 3.1064, 2.4085,
1.3756

193.7739,
189.3127, 179.4361

 1.2103, 0.8303,
0.1226

236.0438,

 0.1145, 0.0000,

231.7124, 221.6609

0.0000

284.0530,
280.0126, 270.0390

■ 0.0000, 0.0000,
0.0000

■ 40.2196, 37.2977,
31.8674

■ 40.2196, 37.2977,
31.8674

■ 36.2673, 31.6374,
23.6310

■ 44.8208, 43.8252,
41.6469

■ 32.9315, 26.8025,
16.8566

■ 50.0953, 51.2488,
53.0406

■ 30.1814, 22.7559,
11.4588

■ 56.0702, 59.6027,
66.1179

■ 27.9824, 19.4552,
7.3426

■ 62.7699, 68.9176,
80.9433

■ 26.2960, 16.8542,
4.4007

■ 70.2178, 79.2228,
97.5781

■ 25.0785, 14.9014,
2.5085

■ 76.8852, 89.9261,
107.9129

■ 24.2754, 13.5366,
1.4971

■ 77.3632, 90.8821,
108.0723

■ 24.1021, 13.2400,
1.2853

Harmonies

Analogous

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



41.3605, 37.2977, 38.9856



40.2196, 37.2977, 31.8674



37.8071, 37.2977, 27.5856

Triad

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



40.2196, 37.2977, 31.8674



30.5500, 37.2977, 34.3571



36.0287, 37.2977, 58.8863

Complementary

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



40.2196, 37.2977, 31.8674



40.3986, 46.9685, 60.9695

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.



33.1936, 37.2977, 57.2007



40.2196, 37.2977, 31.8674



30.1318, 37.2977, 42.2806

Square

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



40.2196, 37.2977, 31.8674



32.2491, 37.2977, 28.8783



31.0739, 37.2977, 50.8230



38.8567, 37.2977, 55.1556

Rectangle

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



40.2196, 37.2977, 31.8674



35.8594, 37.2977, 26.5400



31.0739, 37.2977, 50.8230



35.0444, 37.2977, 58.9402

Sweetspot

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



40.2206, 37.2994, 31.8682



86.7527, 88.3851, 90.7823



42.9731, 36.1110, 53.4205



18.2541, 18.4763, 18.7485



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.



40.2206, 37.2994, 31.8682



65.9006, 58.8430, 46.3377



45.1881, 47.2344, 33.5240



10.7744, 10.9180, 11.1023



15.5421, 8.6013, 0.8411



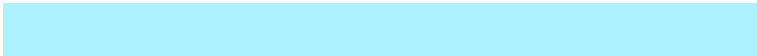
0.7817, 0.4989, 0.0551

Inverse Universe

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



40.3986, 46.9685, 60.9695



66.2578, 78.7529, 106.3164



35.0834, 36.3380, 59.1977



10.7904, 11.7548, 13.6177



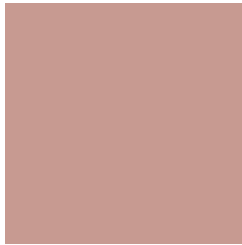
15.4311, 20.2561, 37.8409



0.7718, 1.0413, 1.8055

Previews

White Background



This preview shows how the XYZ color 40.2196, 37.2977, 31.8674 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 40.2196, 37.2977, 31.8674 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 40.2196, 37.2977, 31.8674

Background



This preview shows how black text looks on a background with the XYZ color 40.2196, 37.2977, 31.8674.



This preview shows how white text looks on a background with the XYZ color 40.2196, 37.2977,

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

40.2196, 37.2977, 31.8674

Protanopia

35.5751, 37.4109, 34.2002

Deuteranopia

38.1712, 37.5013, 31.6122



Tritanopia

41.7649, 37.1951, 39.6285

Trichromacy



Original Color

40.2196, 37.2977, 31.8674

Protanomaly

36.9722, 37.1035, 33.2300

Deuteranomaly

38.8292, 37.3340, 31.5452

Tritanomaly

41.0484, 37.1361, 36.4570

Monochromacy



Original Color

40.2196, 37.2977, 31.8674

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.4520, 37.7743, 37.6650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2196, 37.2977, 31.8674 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(199, 154, 145)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 154, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 154, 145) }
```

Border

The CSS property to change the border of an element to XYZ 40.2196, 37.2977, 31.8674 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(199, 154, 145) }
```


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

```
.border{ border-color:rgb(199, 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(199, 154, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 154, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 154, 145);  
box-shadow:4px 4px 4px 4px rgb(199, 154,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2196, 37.2977, 31.8674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 154, 145) }
```

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

```
.background{ background-color: rgb(199,  
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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