

Converting Colors

XYZ(41.6871, 38.9281, 37.6645)

Have a look what the booklet for
XYZ(41.6871, 38.9281, 37.6645)
contains.

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Color

**XYZ(41.6871, 38.9281,
37.6645)**

Conversions

Conversions Part 1

Format	Color
Hex	C69E9E
RGB	198, 158, 158
RGB Percent	78%, 62%, 62%
CMY	0.2235, 0.3804, 0.3804
CMYK	0.00, 0.20, 0.20, 0.22
HSL	0°, 26%, 70%
HSV	0°, 20%, 78%
XYZ	41.6871, 38.9281, 37.6645
YIQ	169.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

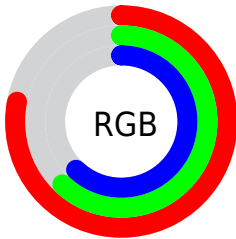
Format	Color
R_{YB}	198, 158, 158
Decimal	13016734
CIE _{Lab}	68.70, 14.81, 5.64
CIE _{LCh}	69, 15.844, 20.842
Yxy	38.9281, 0.3524, 0.3291
Android (android.graphics.Color)	4291206814 (0xFFC69E9E)
YUV	169.9600, -5.8963, 24.5911
Hunter-Lab	62.3924, 10.0770, 7.8830

Details

The XYZ color **41.6871, 38.9281, 37.6645** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4872, 51.7331, 61.0671**, and the grayscale version is **38.2096, 40.1994, 43.7772**.

A 20% lighter version of the original color is **77.0445, 73.6526, 73.1065**, and **19.3095, 17.2989, 16.2312** is the 20% darker color. If you saturate the color by 10%, you get **37.0090, 32.0830, 28.3632**, and if you desaturate by 10%, it is **47.1860, 46.9747, 48.5950**.

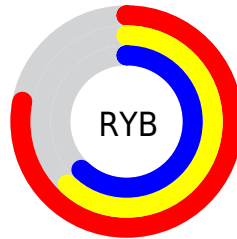
Distribution



Red (78%)

Green (62%)

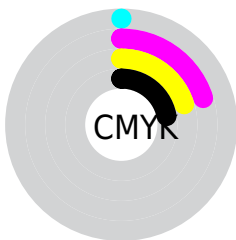
Blue (62%)



Red (78%)

Yellow (62%)

Blue (62%)

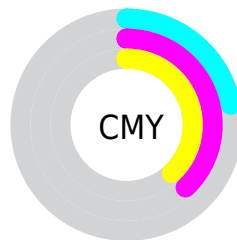


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6871, 38.9281, 37.6645 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 41.6871, 38.9281, 37.6645 by changing the saturation by 10% instead.


 41.6871, 38.9281,
37.6645


 41.6871, 38.9281,
37.6645


344.1979,
341.5847, 351.4335

 29.0464, 26.7038,
25.4226


 76.9940, 73.5285,
72.7913

 19.2604, 17.3509,
16.1703


 100.3909, 96.6733,
96.5133

 11.9637, 10.4850,
9.4891


128.1039,
124.2272, 124.8991

 6.7910, 5.7217,
4.9604

160.4983,
156.5743, 158.3672

 3.3769, 2.6766,
2.1657

197.9396,
194.0993, 197.3361

 1.3561, 0.9653,
0.6545

240.7931,

 0.2246, 0.0000,

237.1864, 242.2245

0.0000

289.4241,
286.2201, 293.4507

■ 0.0000, 0.0000,
0.0000

■ 41.6871, 38.9281,
37.6645

■ 41.6871, 38.9281,
37.6645

■ 37.0090, 32.0830,
28.3632

■ 47.1860, 46.9747,
48.5950

■ 33.1094, 26.3767,
20.6109

■ 53.5390, 56.2708,
61.2248

■ 29.9469, 21.7491,
14.3242

■ 60.7814, 66.8684,
75.6230

■ 27.4753, 18.1323,
9.4110

■ 68.9458, 78.8150,
91.8541

■ 25.6429, 15.4510,
5.7686

■ 77.0988, 90.7458,
108.0599

■ 24.3910, 13.6189,
3.2801

■ 23.6498, 12.5342,
1.8071

■ 23.2890, 12.0062,
1.0900

Harmonies

Analogous

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



41.9625, 38.9281, 44.6200



41.6871, 38.9281, 37.6645



40.1260, 38.9281, 32.5631

Triad

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



41.6871, 38.9281, 37.6645



33.3889, 38.9281, 34.2575



36.2386, 38.9281, 57.5175

Complementary

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



41.6871, 38.9281, 37.6645



44.4872, 51.7331, 61.0671

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.



34.0407, 38.9281, 54.0091



41.6871, 38.9281, 37.6645



32.4450, 38.9281, 40.2280

Square

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



41.6871, 38.9281, 37.6645



35.3124, 38.9281, 30.7558



32.6781, 38.9281, 47.4866



38.7405, 38.9281, 56.6312

Rectangle

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



41.6871, 38.9281, 37.6645



38.6035, 38.9281, 30.6439



32.6781, 38.9281, 47.4866



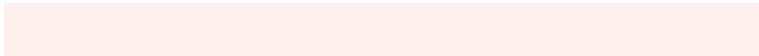
35.4415, 38.9281, 56.7996

Sweetspot

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



41.6882, 38.9299, 37.6653



87.9959, 89.6780, 94.8763



45.7090, 40.5372, 58.8417



18.6778, 18.9651, 19.9955



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.



41.6882, 38.9299, 37.6653



70.2037, 63.6432, 59.5055



45.3810, 46.3156, 38.8963



10.6340, 10.6371, 11.0555



15.1454, 7.8080, 0.7088



0.7172, 0.3698, 0.0336

Inverse Universe

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



44.4872, 51.7331, 61.0671



76.0050, 90.1793, 108.0082



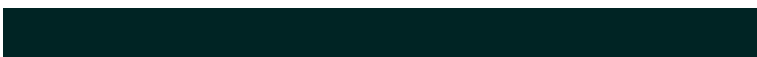
40.2144, 43.1876, 59.6428



10.9467, 12.0674, 13.6698



19.7589, 28.9116, 39.2835



0.9356, 1.3690, 1.8601

Previews

White Background



This preview shows how the XYZ color 41.6871, 38.9281, 37.6645 looks on a white background.

Color Contrast Check

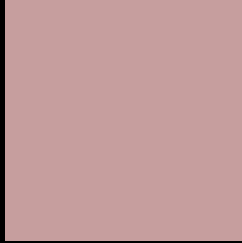
Large Text (above 18pt) WCAG AA × Fail

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 41.6871, 38.9281, 37.6645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

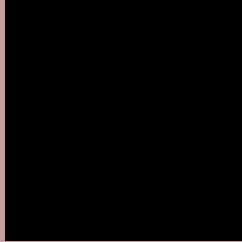
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6871, 38.9281, 37.6645

Background



This preview shows how black text looks on a background with the XYZ color 41.6871, 38.9281, 37.6645.



This preview shows how white text looks on a background with the XYZ color 41.6871, 38.9281,

37.6645.

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

41.6871, 38.9281, 37.6645

Protanopia

37.4428, 39.0524, 40.2148

Deuteranopia

39.7452, 38.9663, 37.3247



Tritanopia

42.5095, 38.7462, 42.2841

Trichromacy



Original Color

41.6871, 38.9281, 37.6645

Protanomaly

38.7645, 38.9479, 39.1928

Deuteranomaly

40.5689, 39.1305, 37.3130

Tritanomaly

42.3110, 38.9364, 40.4074

Monochromacy



Original Color

41.6871, 38.9281, 37.6645

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.3415, 39.7289, 41.6713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6871, 38.9281, 37.6645 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(198, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(198, 158, 158)  
}
```

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(198, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 158, 158) }
```

Border

The CSS property to change the border of an element to XYZ 41.6871, 38.9281, 37.6645 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(198, 158, 158) }
```


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

```
.border{ border-color:rgb(198, 158, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(198, 158,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6871, 38.9281, 37.6645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 158, 158) }
```

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

```
.background{ background-color: rgb(198,  
158, 158) }
```

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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