

Converting Colors

XYZ(41.9091, 37.6248, 38.0115)

Have a look what the booklet for
XYZ(41.9091, 37.6248, 38.0115)
contains.

XYZ(41.8434, 37.5162, 37.8369)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.8434, 37.5162,
37.8369)**

Conversions

Conversions Part 1

Format	Color
Hex	CA989F
RGB	202, 152, 159
RGB Percent	79%, 60%, 62%
CMY	0.2078, 0.4039, 0.3765
CMYK	0.00, 0.25, 0.21, 0.21
HSL	352°, 32%, 69%
HSV	352°, 25%, 79%
XYZ	41.8434, 37.5162, 37.8369
YIQ	167.7480, 27.5530, 12.7770

Conversions

Conversions Part 2

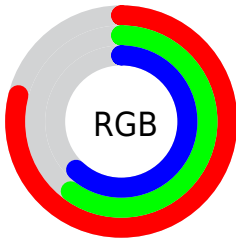
Format	Color
R _Y B	202, 152, 159
Decimal	13277343
CIE Lab	67.66, 19.75, 3.64
CIE LCh	68, 20.082, 10.432
Yxy	37.5162, 0.3570, 0.3201
Android (android.graphics.Color)	4291467423 (0xFFCA989F)
YUV	167.7480, -4.3128, 30.0390
Hunter-Lab	61.2505, 14.7544, 6.2495

Details

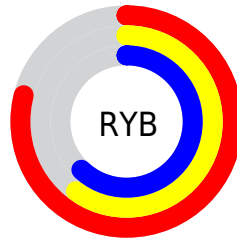
The XYZ color **41.8434, 37.5162, 37.8369** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9213, 52.8576, 59.5199**, and the grayscale version is **37.1077, 39.0402, 42.5148**.

A 20% lighter version of the original color is **75.6904, 70.7407, 73.2833**, and **19.3931, 16.5931, 16.3680** is the 20% darker color. If you saturate the color by 10%, you get **37.4367, 30.9481, 29.4454**, and if you desaturate by 10%, it is **47.0224, 45.2892, 47.5322**.

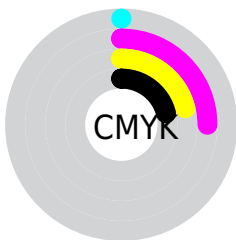
Distribution



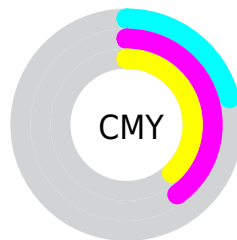
- Red (79%)
- Green (60%)
- Blue (62%)



- Red (79%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (21%)





- Cyan (21%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8434, 37.5162, 37.8369 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 41.8434, 37.5162, 37.8369 by changing the saturation by 10% instead.


 41.8434, 37.5162,
37.8369


 41.8434, 37.5162,
37.8369


344.8360,
335.5400, 352.1970

 29.1693, 25.6074,
25.5553


 77.2292, 71.3660,
73.0587

 19.3538, 16.5302,
16.2685


 100.6716, 94.0758,
96.8360

 12.0317, 9.9001,
9.5579


128.4341,
121.1547, 125.2823

 6.8377, 5.3328,
5.0051

160.8821,
152.9872, 158.8160

 3.4062, 2.4438,
2.1915

198.3809,
189.9575, 197.8558

 1.3720, 0.8483,
0.6694

241.2960,

 0.2362, 0.0000,

232.4502, 242.8202

0.0000

289.9926,
280.8495, 294.1278

■ 0.0000, 0.0000,
0.0000

■ 41.8434, 37.5162,
37.8369

■ 41.8434, 37.5162,
37.8369

■ 37.4367, 30.9481,
29.4454

■ 47.0224, 45.2892,
47.5322

■ 33.7622, 25.5196,
22.2996

■ 53.0053, 54.3177,
58.5812

■ 30.7807, 21.1672,
16.3406

■ 59.8254, 64.6559,
71.0343

■ 28.4482, 17.8190,
11.5035

■ 67.5134, 76.3531,
84.9384

■ 26.7154, 15.3943,
7.7173

■ 76.0984, 89.4562,
100.3382

■ 25.5261, 13.8000,
4.9028

■ 78.1673, 91.2967,
108.1099

■ 24.8125, 12.9230,
2.9690

■ 24.5701, 12.6418,
2.2606

Harmonies

Analogous

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



41.5708, 37.5162, 46.8335



41.8434, 37.5162, 37.8369



40.3874, 37.5162, 30.7531

Triad

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



41.8434, 37.5162, 37.8369



31.9324, 37.5162, 29.1900



33.6998, 37.5162, 59.1251

Complementary

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



41.8434, 37.5162, 37.8369



43.9213, 52.8576, 59.5199

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.



31.3131, 37.5162, 52.9424



41.8434, 37.5162, 37.8369



30.3343, 37.5162, 35.3969

Square

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



41.8434, 37.5162, 37.8369



34.5902, 37.5162, 26.2625



30.1144, 37.5162, 44.0164



36.7476, 37.5162, 60.0297

Rectangle

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



41.8434, 37.5162, 37.8369



38.6791, 37.5162, 27.7342



30.1144, 37.5162, 44.0164



32.7985, 37.5162, 57.5570

Sweetspot

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



41.8444, 37.5179, 37.8377



87.2435, 88.1856, 94.5874



44.2668, 38.2581, 60.9290



18.5368, 18.6685, 19.9934



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.



41.8444, 37.5179, 37.8377



66.4677, 56.9832, 55.7567



44.3070, 43.3874, 35.7472



11.2752, 11.2388, 11.9838



15.8301, 8.1426, 1.5582



0.8379, 0.4286, 0.1923

Inverse Universe

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



41.8444, 37.5179, 37.8377



66.4677, 56.9832, 55.7567



40.8555, 45.4301, 62.4931



11.2752, 11.2388, 11.9838



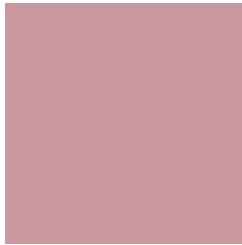
15.8301, 8.1426, 1.5582



0.8379, 0.4286, 0.1923

Previews

White Background



This preview shows how the XYZ color 41.8434, 37.5162, 37.8369 looks on a white background.

Color Contrast Check

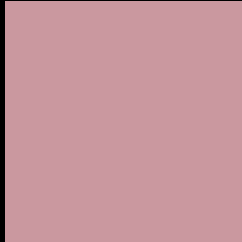
Large Text (above 18pt) WCAG AA × Fail

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 41.8434, 37.5162, 37.8369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

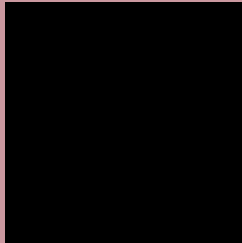
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8434, 37.5162, 37.8369

Background



This preview shows how black text looks on a background with the XYZ color 41.8434, 37.5162, 37.8369.



This preview shows how white text looks on a background with the XYZ color 41.8434, 37.5162,

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

41.8434, 37.5162, 37.8369

Protanopia

36.3068, 37.6289, 41.4259

Deuteranopia

38.5095, 37.8006, 37.6143



Tritanopia

42.0346, 37.3341, 39.6411

Trichromacy



Original Color

41.8434, 37.5162, 37.8369

Protanomaly

38.0041, 37.4893, 39.8835

Deuteranomaly

39.7144, 37.6589, 37.5235

Tritanomaly

41.9453, 37.2984, 39.1710

Monochromacy



Original Color

41.8434, 37.5162, 37.8369

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.5343, 38.2606, 40.9514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8434, 37.5162, 37.8369 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(202, 152, 159)` looks like.

```
.text, #text, p{  
    color:rgb(202, 152, 159)  
}
```

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(202, 152, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 152, 159) }
```

Border

The CSS property to change the border of an element to XYZ 41.8434, 37.5162, 37.8369 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(202, 152, 159) }
```


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

```
.border{ border-color:rgb(202, 152, 159) }
```

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

Here you see how a box with a 4 pixel rgb(202, 152, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 152, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 152, 159);  
box-shadow:4px 4px 4px 4px rgb(202, 152,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8434, 37.5162, 37.8369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 152, 159) }
```

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

```
.background{ background-color: rgb(202,  
152, 159) }
```

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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