

Converting Colors

XYZ(41.8607, 37.1211, 34.1999)

Have a look what the booklet for
XYZ(41.8607, 37.1211, 34.1999)
contains.

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Color

**XYZ(41.9459, 37.1689,
34.2417)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9697
RGB	206, 150, 151
RGB Percent	81%, 59%, 59%
CMY	0.1922, 0.4117, 0.4078
CMYK	0.00, 0.27, 0.27, 0.19
HSL	359°, 36%, 70%
HSV	359°, 27%, 81%
XYZ	41.9459, 37.1689, 34.2417
YIQ	166.8580, 33.0550, 12.1830

Conversions

Conversions Part 2

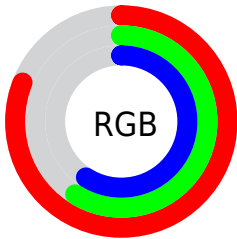
Format	Color
R _Y B	206, 150, 151
Decimal	13538967
CIE Lab	67.40, 21.18, 7.79
CIE LCh	67, 22.564, 20.202
Yxy	37.1689, 0.3700, 0.3279
Android (android.graphics.Color)	4291729047 (0xFFCE9697)
YUV	166.8580, -7.8180, 34.3275
Hunter-Lab	60.9663, 16.1201, 9.3762

Details

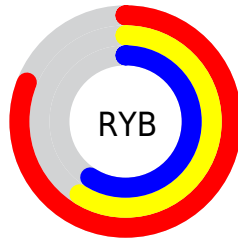
The XYZ color **41.9459, 37.1689, 34.2417** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.6700, 55.0353, 65.9763**, and the grayscale version is **36.6879, 38.5986, 42.0338**.

A 20% lighter version of the original color is **73.8523, 68.8535, 67.1552**, and **19.3398, 16.3278, 14.1889** is the 20% darker color. If you saturate the color by 10%, you get **37.4384, 30.5617, 25.3160**, and if you desaturate by 10%, it is **47.3153, 45.0480, 44.8469**.

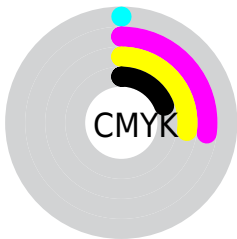
Distribution



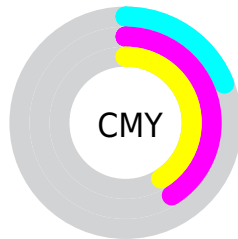
- Red (81%)
- Green (59%)
- Blue (59%)



- Red (81%)
- Yellow (59%)
- Blue (59%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (19%)





- Cyan (19%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9459, 37.1689, 34.2417 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 41.9459, 37.1689, 34.2417 by changing the saturation by 10% instead.


 41.9459, 37.1689,
34.2417


 41.9459, 37.1689,
34.2417


345.2541,
334.0412, 336.0104

 29.2499, 25.3383,
22.8005


 77.3834, 70.8325,
67.4475

 19.4151, 16.3293,
14.2423

 100.8556, 93.4342,
90.0492

 12.0764, 9.7575,
8.1487


128.6505,
120.3952, 117.2082

 6.8683, 5.2384,
4.1011

161.1336,
152.0997, 149.3429

 3.4255, 2.3878,
1.6810

198.6701,
188.9321, 186.8720

 1.3826, 0.8196,
0.3477

241.6255,

 0.2437, 0.0000,

231.2769, 230.2139

0.0000

290.3650,
279.5185, 279.7872

■ 0.0000, 0.0000,
0.0000

■ 41.9459, 37.1689,
34.2417

■ 41.9459, 37.1689,
34.2417

■ 37.4384, 30.5617,
25.3160

■ 47.3153, 45.0480,
44.8469

■ 33.7452, 25.1551,
17.9815

■ 53.5849, 54.2553,
57.2090

■ 30.8186, 20.8784,
12.1456

■ 60.7947, 64.8500,
71.4036

■ 28.6046, 17.6515,
7.7048

■ 68.9809, 76.8862,
87.5009

■ 27.0426, 15.3842,
4.5429

■ 78.1783, 90.4149,
105.5677

■ 26.0614, 13.9704,
2.5246

■ 79.2637, 91.8619,
108.1612

■ 25.5680, 13.2684,
1.4824

■ 25.4738, 13.1299,
1.2969

Harmonies

Analogous

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



42.2969, 37.1689, 43.8002



41.9459, 37.1689, 34.2417



39.7593, 37.1689, 27.5270

Triad

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



41.9459, 37.1689, 34.2417



30.4595, 37.1689, 29.4598



34.2079, 37.1689, 62.2967

Complementary

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



41.9459, 37.1689, 34.2417



45.6700, 55.0353, 65.9763

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.



31.2387, 37.1689, 56.9435



41.9459, 37.1689, 34.2417



29.1698, 37.1689, 37.3142

Square

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



41.9459, 37.1689, 34.2417



33.0802, 37.1689, 25.0949



29.4454, 37.1689, 47.4125



37.6753, 37.1689, 61.1124

Rectangle

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



41.9459, 37.1689, 34.2417



37.6293, 37.1689, 25.0615



29.4454, 37.1689, 47.4125



33.1223, 37.1689, 61.1728

Sweetspot

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



41.9469, 37.1706, 34.2425



85.8240, 86.4439, 90.7310



46.9864, 39.1269, 63.4686



18.0225, 17.9923, 18.7356



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.



41.9469, 37.1706, 34.2425



63.2543, 53.3211, 46.1626



46.5112, 46.4282, 35.3665



11.2203, 11.2168, 11.6946



15.6897, 8.0865, 0.8186



0.8123, 0.4183, 0.0575

Inverse Universe

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



41.9469, 37.1706, 34.2425



63.2543, 53.3211, 46.1626



40.0142, 43.5306, 64.6861



11.2203, 11.2168, 11.6946



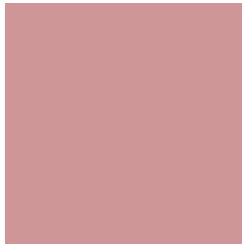
15.6897, 8.0865, 0.8186



0.8123, 0.4183, 0.0575

Previews

White Background



This preview shows how the XYZ color 41.9459, 37.1689, 34.2417 looks on a white background.

Color Contrast Check

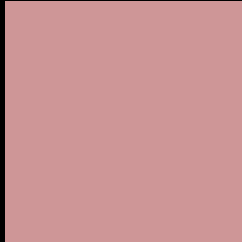
Large Text (above 18pt) WCAG AA × Fail

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 41.9459, 37.1689, 34.2417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

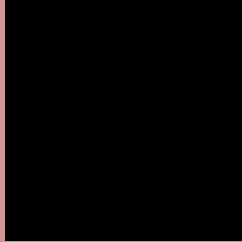
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9459, 37.1689, 34.2417

Background



This preview shows how black text looks on a background with the XYZ color 41.9459, 37.1689, 34.2417.



This preview shows how white text looks on a background with the XYZ color 41.9459, 37.1689,

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

41.9459, 37.1689, 34.2417

Protanopia

35.8092, 37.4546, 37.6899

Deuteranopia

38.0727, 37.4053, 33.6471



Tritanopia

42.8247, 37.2984, 38.1999

Trichromacy



Original Color

41.9459, 37.1689, 34.2417

Protanomaly

37.6059, 37.1079, 36.1908

Deuteranomaly

39.3858, 37.3164, 33.9811

Tritanomaly

42.5654, 37.1946, 36.8341

Monochromacy



Original Color

41.9459, 37.1689, 34.2417

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.2339, 37.8867, 39.0159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9459, 37.1689, 34.2417 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, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(206, 150, 151)  
}
```

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, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 150, 151) }
```

Border

The CSS property to change the border of an element to XYZ 41.9459, 37.1689, 34.2417 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, 150, 151) }
```


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

```
.border{ border-color:rgb(206, 150, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 150, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(206, 150,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9459, 37.1689, 34.2417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 150, 151) }
```

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

```
.background{ background-color: rgb(206,  
150, 151) }
```

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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