

Converting Colors

XYZ(41.3053, 34.9442, 37.2797)

Have a look what the booklet for
XYZ(41.3053, 34.9442, 37.2797)
contains.

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Color

**XYZ(41.3846, 34.9710,
37.3698)**

Conversions

Conversions Part 1

Format	Color
Hex	CE8E9F
RGB	206, 142, 159
RGB Percent	81%, 56%, 62%
CMY	0.1922, 0.4431, 0.3765
CMYK	0.00, 0.31, 0.23, 0.19
HSL	344°, 40%, 68%
HSV	344°, 31%, 81%
XYZ	41.3846, 34.9710, 37.3698
YIQ	163.0740, 32.6870, 18.8550

Conversions

Conversions Part 2

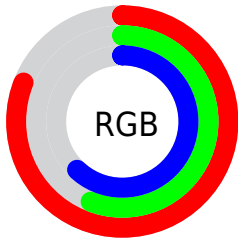
Format	Color
R_{YB}	206, 142, 159
Decimal	13536927
CIE _{Lab}	65.73, 26.70, 0.88
CIE _{LCh}	66, 26.716, 1.884
Yxy	34.9710, 0.3639, 0.3075
Android (android.graphics.Color)	4291727007 (0xFFCE8E9F)
YUV	163.0740, -2.0085, 37.6461
Hunter-Lab	59.1363, 21.4289, 3.9285

Details

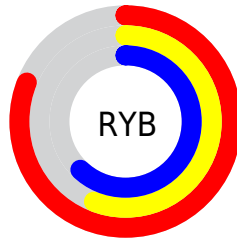
The XYZ color **41.3846, 34.9710, 37.3698** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.4134, 53.5684, 56.2510**, and the grayscale version is **34.8469, 36.6616, 39.9245**.

A 20% lighter version of the original color is **73.1175, 65.5949, 72.4257**, and **19.0255, 15.0489, 16.0893** is the 20% darker color. If you saturate the color by 10%, you get **37.3647, 28.9050, 29.9442**, and if you desaturate by 10%, it is **46.1336, 42.2373, 45.8321**.

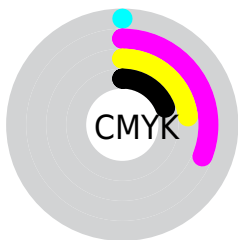
Distribution



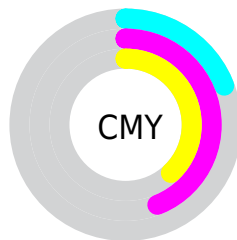
- Red (81%)
- Green (56%)
- Blue (62%)



- Red (81%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (31%)
- Yellow (23%)
- Black (19%)





- Cyan (19%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3846, 34.9710, 37.3698 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 41.3846, 34.9710, 37.3698 by changing the saturation by 10% instead.


 41.3846, 34.9710,
37.3698


 41.3846, 34.9710,
37.3698

342.9607,
324.4403, 350.1256


 28.8087, 23.6405,
25.1959


 76.5384, 67.4408,
72.3338

 19.0797, 15.0672,
16.0027


 99.8471, 89.3490,
95.9611

 11.8322, 8.8666,
9.3717


 127.4640,
115.5519, 124.2432

 6.7009, 4.6542,
4.8843

159.7546,
146.4338, 157.5987

 3.3204, 2.0459,
2.1220

197.0842,
182.3792, 196.4461

 1.3254, 0.6339,
0.6288

239.8182,

 0.2021, 0.0000,

223.7725, 241.2041

0.0000

288.3219,
270.9981, 292.2910

■ 0.0000, 0.0000,
0.0000

■ 41.3846, 34.9710,
37.3698

■ 41.3846, 34.9710,
37.3698

■ 37.3647, 28.9050,
29.9442

■ 46.1336, 42.2373,
45.8321

■ 34.0339, 23.9696,
23.5122

■ 51.6430, 50.7589,
55.3673

■ 31.3527, 20.0954,
18.0309

■ 57.9460, 60.5934,
66.0128

■ 29.2765, 17.2034,
13.4532

■ 65.0728, 71.7931,
77.8032

■ 27.7545, 15.2033,
9.7275

■ 73.0521, 84.4076,
90.7717

■ 26.7270, 13.9879,
6.7964

■ 78.4338, 91.5299,
103.7911

■ 26.1364, 13.3949,
4.7860

■ 79.2637, 91.8619,
108.1612

Harmonies

Analogous

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



40.3650, 34.9710, 49.2231



41.3846, 34.9710, 37.3698



40.0827, 34.9710, 27.7449

Triad

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



41.3846, 34.9710, 37.3698



29.4023, 34.9710, 22.4889



29.8009, 34.9710, 60.5524

Complementary

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



41.3846, 34.9710, 37.3698



42.4134, 53.5684, 56.2510

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.



27.2221, 34.9710, 50.7013



41.3846, 34.9710, 37.3698



27.0051, 34.9710, 28.7557

Square

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



41.3846, 34.9710, 37.3698



32.9909, 34.9710, 20.2738



26.2390, 34.9710, 38.7940



33.4882, 34.9710, 64.0850

Rectangle

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



41.3846, 34.9710, 37.3698



38.1287, 34.9710, 23.4530



26.2390, 34.9710, 38.7940



28.7861, 34.9710, 57.7856

Sweetspot

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



41.3856, 34.9726, 37.3705



85.5646, 85.1830, 92.9329



41.7845, 34.6143, 62.8717



18.0080, 17.7561, 19.3694



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.



41.3856, 34.9726, 37.3705



62.7557, 50.1603, 52.6659



42.3830, 39.1678, 30.9195



11.3326, 11.2618, 12.2863



16.1285, 8.2620, 3.1295



0.8642, 0.4391, 0.3309

Inverse Universe

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



41.3856, 34.9726, 37.3705



62.7557, 50.1603, 52.6659



40.9425, 47.4988, 65.4031



11.3326, 11.2618, 12.2863



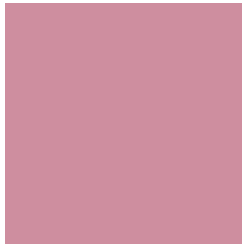
16.1285, 8.2620, 3.1295



0.8642, 0.4391, 0.3309

Previews

White Background



This preview shows how the XYZ color 41.3846, 34.9710, 37.3698 looks on a white background.

Color Contrast Check

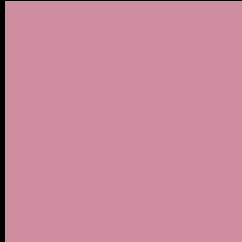
Large Text (above 18pt) WCAG AA × Fail

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 41.3846, 34.9710, 37.3698 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 41.3846, 34.9710, 37.3698

Background



This preview shows how black text looks on a background with the XYZ color 41.3846, 34.9710, 37.3698.



This preview shows how white text looks on a background with the XYZ color 41.3846, 34.9710,

37.3698.

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

41.3846, 34.9710, 37.3698

Protanopia

34.0568, 35.1344, 42.5228

Deuteranopia

35.9386, 35.2241, 36.8031



Tritanopia

40.8320, 34.9572, 35.1672

Trichromacy



Original Color

41.3846, 34.9710, 37.3698

Protanomaly

36.3142, 34.8462, 40.4093

Deuteranomaly

37.8169, 34.9727, 37.1050

Tritanomaly

41.0000, 35.0244, 36.0519

Monochromacy



Original Color

41.3846, 34.9710, 37.3698

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.8333, 35.6350, 39.1193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3846, 34.9710, 37.3698 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, 142, 159)` looks like.

```
.text, #text, p{  
    color:rgb(206, 142, 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(206, 142, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 142, 159) }
```

Border

The CSS property to change the border of an element to XYZ 41.3846, 34.9710, 37.3698 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, 142, 159) }
```


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

```
.border{ border-color:rgb(206, 142, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 142, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 142, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 142, 159);  
box-shadow:4px 4px 4px 4px rgb(206, 142,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3846, 34.9710, 37.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 142, 159) }
```

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

```
.background{ background-color: rgb(206,  
142, 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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