

Converting Colors

XYZ(37.1080, 34.1233, 42.1622)

Have a look what the booklet for
XYZ(37.1080, 34.1233, 42.1622)
contains.

XYZ(37.0427, 33.9895, 42.1444)	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(37.0427, 33.9895,
42.1444)**

Conversions

Conversions Part 1

Format	Color
Hex	B694A9
RGB	182, 148, 169
RGB Percent	71%, 58%, 66%
CMY	0.2863, 0.4196, 0.3373
CMYK	0.00, 0.19, 0.07, 0.29
HSL	323°, 19%, 65%
HSV	323°, 19%, 71%
XYZ	37.0427, 33.9895, 42.1444
YIQ	160.5600, 13.5230, 13.7390

Conversions

Conversions Part 2

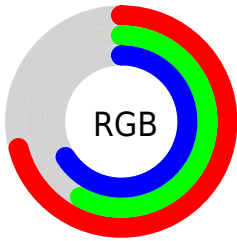
Format	Color
RYB	182, 148, 169
Decimal	11965609
CIELab	64.95, 16.28, -6.18
CIELCh	65, 17.415, 339.220
Yxy	33.9895, 0.3273, 0.3003
Android (android.graphics.Color)	4290155689 (0xFFB694A9)
YUV	160.5600, 4.1609, 18.8029
Hunter-Lab	58.3005, 11.3886, -2.0493

Details

The XYZ color **37.0427, 33.9895, 42.1444** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.3750, 42.3258, 40.0254**, and the grayscale version is **33.6500, 35.4025, 38.5533**.

A 20% lighter version of the original color is **69.8350, 65.8000, 79.5410**, and **16.5388, 14.5009, 18.7569** is the 20% darker color. If you saturate the color by 10%, you get **33.7735, 28.4686, 37.9167**, and if you desaturate by 10%, it is **40.7975, 40.4251, 46.7063**.

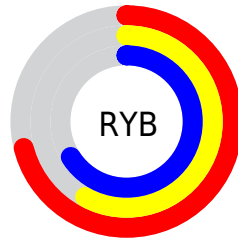
Distribution



Red (71%)

Green (58%)

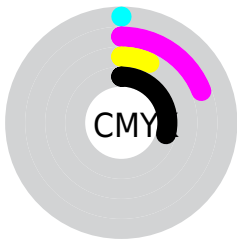
Blue (66%)



Red (71%)

Yellow (58%)

Blue (66%)

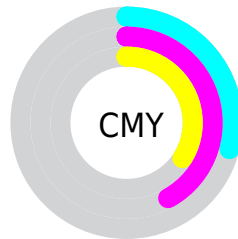


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (29%)



Cyan (29%)


Magenta (42%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0427, 33.9895, 42.1444 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 37.0427, 33.9895, 42.1444 by changing the saturation by 10% instead.


 37.0427, 33.9895,
42.1444


 37.0427, 33.9895,
42.1444


324.8477,
320.0852, 370.8985

 25.4144, 22.8855,
28.8880


 69.9519, 65.9173,
79.6906

 16.5164, 14.5090,
18.7512


 91.9634, 87.5100,
104.8174

 9.9835, 8.4755,
11.3157


118.1667,
113.3677, 134.7381

 5.4502, 4.4007,
6.1627

148.9272,
143.8748, 169.8712

 2.5512, 1.9001,
2.8739

184.6102,
179.4157, 210.6352

 0.9211, 0.5485,
1.0306

225.5810,

 0.0000, 0.0000,

220.3748, 257.4488

0.0000

272.2051,
267.1365, 310.7303

■ 37.0427, 33.9895,
42.1444

■ 37.0427, 33.9895,
42.1444

■ 33.7735, 28.4686,
37.9167

■ 40.7975, 40.4251,
46.7063

■ 30.9655, 23.8157,
34.0114

■ 45.0551, 47.8101,
51.6096

■ 28.5965, 19.9870,
30.4186

■ 49.8353, 56.1830,
56.8639

■ 26.6414, 16.9330,
27.1273

■ 55.1561, 65.5789,
62.4774

■ 25.0722, 14.5988,
24.1253

■ 61.0343, 76.0310,
68.4585

■ 23.8574, 12.9221,
21.3991

■ 66.7790, 86.1562,
74.5790

■ 22.9600, 11.8301,
18.9334

■ 67.6694, 86.5123,
79.2677

■ 22.3166, 11.1969,
16.7041

■ 68.5980, 86.8838,
84.1577

■ 22.2389, 11.1241,
16.4232

■ 69.5653, 87.2707,
89.2515

Harmonies

Analogous

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



35.4620, 33.9895, 48.8119



37.0427, 33.9895, 42.1444



37.3196, 33.9895, 34.8333

Triad

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



37.0427, 33.9895, 42.1444



31.5372, 33.9895, 24.9497



28.7016, 33.9895, 46.4772

Complementary

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



37.0427, 33.9895, 42.1444



35.3750, 42.3258, 40.0254

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.



27.7628, 33.9895, 39.2730



37.0427, 33.9895, 42.1444



29.3431, 33.9895, 27.2805

Square

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



37.0427, 33.9895, 42.1444



34.0527, 33.9895, 25.5091



27.9913, 33.9895, 32.3083



30.6201, 33.9895, 51.5302

Rectangle

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



37.0427, 33.9895, 42.1444



36.7141, 33.9895, 30.6499



27.9913, 33.9895, 32.3083



28.2657, 33.9895, 44.1915

Sweetspot

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



37.0437, 33.9910, 42.1451



75.8659, 76.5732, 86.9090



33.6255, 32.0808, 48.6762



16.6496, 16.7279, 19.0708



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.0437, 33.9910, 42.1451



64.8697, 57.7388, 73.5077



35.5938, 33.4110, 34.5100



9.2314, 9.1029, 10.5661



15.7379, 7.8689, 11.7726



0.5840, 0.2891, 0.5687

Inverse Universe

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



37.0437, 33.9910, 42.1451



64.8697, 57.7388, 73.5077



36.9242, 42.9455, 48.1830



9.2314, 9.1029, 10.5661



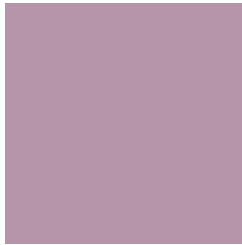
15.7379, 7.8689, 11.7726



0.5840, 0.2891, 0.5687

Previews

White Background



This preview shows how the XYZ color 37.0427, 33.9895, 42.1444 looks on a white background.

Color Contrast Check

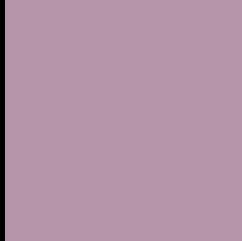
Large Text (above 18pt) WCAG AA × Fail

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 37.0427, 33.9895, 42.1444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

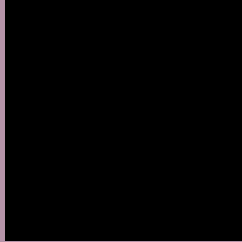
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0427, 33.9895, 42.1444

Background



This preview shows how black text looks on a background with the XYZ color 37.0427, 33.9895, 42.1444.



This preview shows how white text looks on a background with the XYZ color 37.0427, 33.9895,

42.1444.

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

37.0427, 33.9895, 42.1444

Protanopia

33.4073, 34.2379, 44.8922

Deuteranopia

34.6076, 33.9344, 41.7718



Tritanopia

36.2365, 33.8919, 38.3501

Trichromacy



Original Color

37.0427, 33.9895, 42.1444

Protanomaly

34.5190, 34.0891, 43.7902

Deuteranomaly

35.3681, 33.8446, 41.7144

Tritanomaly

36.5043, 33.9990, 39.7604

Monochromacy



Original Color

37.0427, 33.9895, 42.1444

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.9515, 34.8923, 40.0147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0427, 33.9895, 42.1444 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(182, 148, 169)` looks like.

```
.text, #text, p{  
    color:rgb(182, 148, 169)  
}
```

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(182, 148, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 148, 169) }
```

Border

The CSS property to change the border of an element to XYZ 37.0427, 33.9895, 42.1444 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(182, 148, 169) }
```


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

```
.border{ border-color:rgb(182, 148, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 148, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 148, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 148, 169);  
box-shadow:4px 4px 4px 4px rgb(182, 148,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0427, 33.9895, 42.1444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 148, 169) }
```

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

```
.background{ background-color: rgb(182,  
148, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor