

Converting Colors

XYZ(33.8783, 42.7902, 34.7236)

Have a look what the booklet for
XYZ(33.8783, 42.7902, 34.7236)
contains.

XYZ(33.9682, 42.9505, 34.9337)	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(33.9682, 42.9505,
34.9337)**

Conversions

Conversions Part 1

Format	Color
Hex	8DBA95
RGB	141, 186, 149
RGB Percent	55%, 73%, 58%
CMY	0.4471, 0.2706, 0.4157
CMYK	0.24, 0.00, 0.20, 0.27
HSL	131°, 25%, 64%
HSV	131°, 24%, 73%
XYZ	33.9682, 42.9505, 34.9337
YIQ	168.3270, -14.9430, -21.0470

Conversions

Conversions Part 2

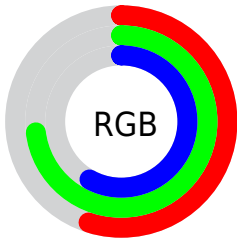
Format	Color
RYB	141, 179, 186
Decimal	9288341
CIELab	71.52, -22.42, 13.98
CIELCh	72, 26.424, 148.053
Yxy	42.9505, 0.3037, 0.3840
Android (android.graphics.Color)	4287478421 (0xFF8DBA95)
YUV	168.3270, -9.5282, -23.9658
Hunter-Lab	65.5366, -22.1710, 14.2717

Details

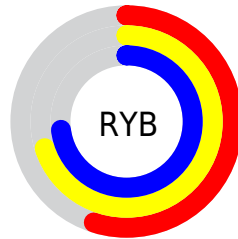
The XYZ color **33.9682, 42.9505, 34.9337** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.8119, 32.7041, 46.4409**, and the grayscale version is **37.4317, 39.3811, 42.8860**.

A 20% lighter version of the original color is **65.0373, 79.4182, 68.4013**, and **14.8086, 19.8306, 14.6025** is the 20% darker color. If you saturate the color by 10%, you get **29.9254, 40.9995, 28.7840**, and if you desaturate by 10%, it is **38.7049, 45.2431, 41.9547**.

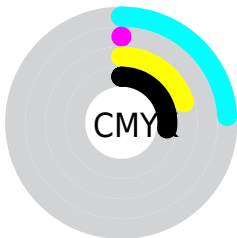
Distribution



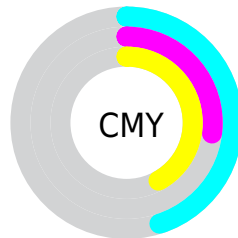
- Red (55%)
- Green (73%)
- Blue (58%)



- Red (55%)
- Yellow (70%)
- Blue (73%)



- Cyan (24%)
- Magenta (0%)
- Yellow (20%)
- Black (27%)





- Cyan (45%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.9682, 42.9505, 34.9337 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 33.9682, 42.9505, 34.9337 by changing the saturation by 10% instead.


 33.9682, 42.9505,
34.9337


 33.9682, 42.9505,
34.9337


311.5786,
358.4082, 339.1710


 23.0319, 29.8463,
23.3287


 65.2288, 79.6362,
68.5335

 14.7379, 19.7219,
14.6288


 86.2839, 103.9864,
91.3652

 8.7208, 12.1931,
8.4156

 111.4427,
132.8541, 118.7764

 4.6152, 6.8753,
4.2704

141.0704,
166.6236, 151.1854

 2.0557, 3.3842,
1.7748

175.5325,
205.6794, 189.0108

 0.6650, 1.3355,
0.4113

215.1944,

 0.0000, 0.1684,

250.4058, 232.6712

0.0000

260.4213,
301.1873, 282.5850

■ 0.0000, 0.0000,
0.0000

■ 33.9682, 42.9505,
34.9337

■ 33.9682, 42.9505,
34.9337

■ 29.9254, 40.9995,
28.7840

■ 38.7049, 45.2431,
41.9547

■ 26.5402, 39.3685,
23.4690

■ 44.1625, 47.8869,
49.8762

■ 23.7785, 38.0419,
18.9533

■ 50.3710, 50.8980,
58.7295

■ 21.6014, 37.0004,
15.1983

■ 57.3572, 54.2895,
68.5437

■ 19.9658, 36.2228,
12.1619

■ 65.1472, 58.0744,
79.3464

■ 18.8223, 35.6844,
9.7981

■ 73.7653, 62.2645,
91.1642

■ 18.1121, 35.3561,
8.0552

■ 76.8498, 63.5995,
102.8333

■ 17.8352, 35.2297,
7.3038

Harmonies

Analogous

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



36.9203, 42.9505, 28.2627



33.9682, 42.9505, 34.9337



32.8360, 42.9505, 45.9363

Triad

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



33.9682, 42.9505, 34.9337



40.5325, 42.9505, 75.8669



48.8712, 42.9505, 36.1372

Complementary

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



33.9682, 42.9505, 34.9337



37.8119, 32.7041, 46.4409

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.



50.0106, 42.9505, 47.6053



33.9682, 42.9505, 34.9337



44.9918, 42.9505, 71.9700

Square

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



33.9682, 42.9505, 34.9337



36.4503, 42.9505, 70.8633



48.5434, 42.9505, 61.0068



45.5325, 42.9505, 28.8634

Rectangle

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



33.9682, 42.9505, 34.9337



33.1983, 42.9505, 54.8000



48.5434, 42.9505, 61.0068



49.5343, 42.9505, 39.5579

Sweetspot

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



33.9694, 42.9523, 34.9347



77.0155, 85.3263, 86.0331



40.8434, 46.5673, 32.0353



16.8256, 18.7251, 18.7514



90.7827, 95.5105, 104.0109



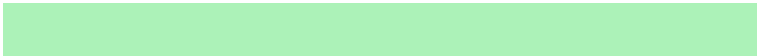
18.6292, 19.5994, 21.3438

Same Dimension

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



33.9694, 42.9523, 34.9347



57.5422, 75.9047, 57.2338



35.8954, 43.7227, 45.0770



8.9538, 10.0855, 9.9141



12.0186, 23.7084, 5.0197



0.4438, 0.8438, 0.2827

Inverse Universe

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



37.8119, 32.7041, 46.4409



65.7052, 54.1253, 81.6709



35.7766, 31.8900, 35.7231



9.3106, 9.1346, 10.9828



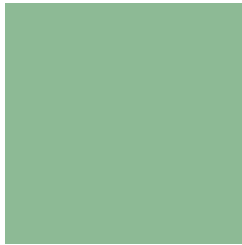
17.5128, 8.5789, 21.1192



0.6355, 0.3097, 0.8402

Previews

White Background



This preview shows how the XYZ color 33.9682, 42.9505, 34.9337 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 33.9682, 42.9505, 34.9337 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 33.9682, 42.9505, 34.9337

Background



This preview shows how black text looks on a background with the XYZ color 33.9682, 42.9505, 34.9337.



This preview shows how white text looks on a background with the XYZ color 33.9682, 42.9505,

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

33.9682, 42.9505, 34.9337

Protanopia

40.1016, 42.5696, 32.0898

Deuteranopia

43.3056, 42.4473, 36.0477



Tritanopia

38.4533, 42.9271, 57.2980

Trichromacy



Original Color

33.9682, 42.9505, 34.9337

Protanomaly

37.3934, 42.3201, 32.9858

Deuteranomaly

39.3576, 42.3919, 35.8139

Tritanomaly

36.6179, 42.7812, 48.4471

Monochromacy



Original Color

33.9682, 42.9505, 34.9337

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

35.8635, 40.5023, 39.6457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9682, 42.9505, 34.9337 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(141, 186, 149)` looks like.

```
.text, #text, p{  
    color:rgb(141, 186, 149)  
}
```

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(141, 186, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 186, 149) }
```

Border

The CSS property to change the border of an element to XYZ 33.9682, 42.9505, 34.9337 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(141, 186, 149) }
```


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

```
.border{ border-color:rgb(141, 186, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 186, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 186, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 186, 149); box-shadow:4px 4px 4px 4px rgb(141, 186, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9682, 42.9505, 34.9337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 186, 149) }
```

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

```
.background{ background-color: rgb(141,  
186, 149) }
```

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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