

Converting Colors

XYZ(40.6801, 49.0869, 43.9158)

Have a look what the booklet for
XYZ(40.6801, 49.0869, 43.9158)
contains.

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Color

**XYZ(40.7882, 49.1912,
43.9043)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC3A7
RGB	159, 195, 167
RGB Percent	62%, 76%, 65%
CMY	0.3765, 0.2353, 0.3451
CMYK	0.18, 0.00, 0.14, 0.24
HSL	133°, 23%, 69%
HSV	133°, 18%, 76%
XYZ	40.7882, 49.1912, 43.9043
YIQ	181.0440, -12.4680, -16.3400

Conversions

Conversions Part 2

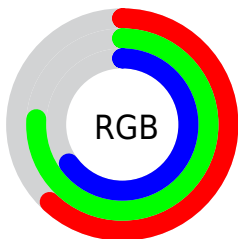
Format	Color
RYB	159, 188, 195
Decimal	10470311
CIELab	75.57, -17.56, 10.12
CIELCh	76, 20.268, 150.036
Yxy	49.1912, 0.3047, 0.3674
Android (android.graphics.Color)	4288660391 (0xFF9FC3A7)
YUV	181.0440, -6.9237, -19.3326
Hunter-Lab	70.1364, -18.9312, 11.9809

Details

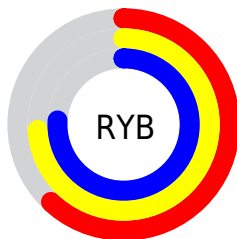
The XYZ color **40.7882, 49.1912, 43.9043** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.8751, 39.9873, 52.4217**, and the grayscale version is **43.9869, 46.2777, 50.3964**.

A 20% lighter version of the original color is **75.7268, 89.1909, 82.3316**, and **18.6828, 23.4134, 19.7542** is the 20% darker color. If you saturate the color by 10%, you get **35.9013, 46.8259, 36.7808**, and if you desaturate by 10%, it is **46.4524, 51.9409, 51.9247**.

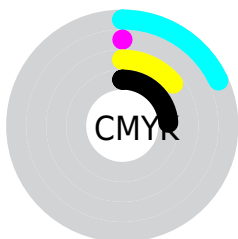
Distribution



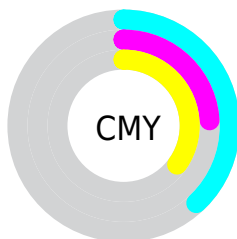
- Red (62%)
- Green (76%)
- Blue (65%)



- Red (62%)
- Yellow (74%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)



- Cyan (38%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7882, 49.1912, 43.9043 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 40.7882, 49.1912, 43.9043 by changing the saturation by 10% instead.

■ 40.7882, 49.1912,
43.9043

■ 40.7882, 49.1912,
43.9043

340.5123,
383.4945, 378.3475

■ 28.3406, 34.7712,
30.2586

■ 75.6390, 88.9754,
82.3747

■ 18.7243, 23.4867,
19.7813

■ 98.7729, 115.1083,
108.0364

■ 11.5741, 14.9533,
12.0537

126.1996,
145.9143, 138.5407

■ 6.5245, 8.7866,
6.6572

158.2844,
181.7778, 174.3059

■ 3.2102, 4.6022,
3.1735

195.3927,
223.0832, 215.7506

■ 1.2659, 2.0158,
1.1839

237.8899,

■ 0.1575, 0.6166,

270.2148, 263.2935

0.0000

286.1414,
323.5572, 317.3529

■ 0.0000, 0.0000,
0.0000

■ 40.7882, 49.1912,
43.9043

■ 40.7882, 49.1912,
43.9043

■ 35.9013, 46.8259,
36.7808

■ 46.4524, 51.9409,
51.9247

■ 31.7534, 44.8219,
30.5199

■ 52.9218, 55.0848,
60.8684

■ 28.3090, 43.1629,
25.0897

■ 60.2281, 58.6399,
70.7647

■ 25.5282, 41.8290,
20.4550

■ 68.3998, 62.6203,
81.6406

■ 23.3669, 40.7984,
16.5785

■ 76.9091, 66.7534,
93.4961

■ 21.7753, 40.0462,
13.4193

■ 78.8061, 67.5122,
103.4854

■ 20.6958, 39.5436,
10.9331

■ 20.0402, 39.2461,
9.0693

■ 19.9583, 39.2091,
8.8339

Harmonies

Analogous

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



43.2414, 49.1912, 37.6138



40.7882, 49.1912, 43.9043



39.9155, 49.1912, 53.5736

Triad

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



40.7882, 49.1912, 43.9043



46.7592, 49.1912, 76.9507



53.2717, 49.1912, 43.8849

Complementary

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



40.7882, 49.1912, 43.9043



43.8751, 39.9873, 52.4217

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.



54.3338, 49.1912, 53.5481



40.7882, 49.1912, 43.9043



50.4535, 49.1912, 73.4774

Square

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



40.7882, 49.1912, 43.9043



43.2487, 49.1912, 73.4932



53.2765, 49.1912, 64.5387



50.4454, 49.1912, 37.6037

Rectangle

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



40.7882, 49.1912, 43.9043



40.3091, 49.1912, 60.9436



53.2765, 49.1912, 64.5387



53.8534, 49.1912, 46.7998

Sweetspot

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



40.7895, 49.1933, 43.9054



85.8060, 94.2916, 96.6377



46.3176, 52.1259, 40.4214



18.6278, 20.5698, 20.9360



0.0000, 0.0000, 0.0000



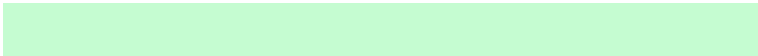
20.3446, 21.4041, 23.3091

Same Dimension

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



40.7895, 49.1933, 43.9054



69.4945, 86.3781, 73.4957



42.5506, 49.8977, 53.1788



10.0340, 11.2947, 11.1826



12.9977, 25.4931, 5.8807



0.5884, 1.1122, 0.3952

Inverse Universe

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



43.8751, 39.9873, 52.4217



75.9984, 66.9694, 91.4432



42.0855, 39.2714, 42.9976



10.3984, 10.2080, 12.1885



18.3260, 9.0202, 20.1607



0.8161, 0.3994, 0.9987

Previews

White Background



This preview shows how the XYZ color 40.7882, 49.1912, 43.9043 looks on a white background.

Color Contrast Check

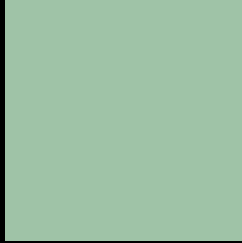
Large Text (above 18pt) WCAG AA × Fail

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 40.7882, 49.1912, 43.9043 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

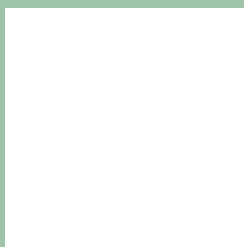
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7882, 49.1912, 43.9043

Background



This preview shows how black text looks on a background with the XYZ color 40.7882, 49.1912, 43.9043.



This preview shows how white text looks on a background with the XYZ color 40.7882, 49.1912,

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

40.7882, 49.1912, 43.9043

Protanopia

46.3762, 48.9087, 41.1784

Deuteranopia

49.6703, 48.6978, 44.8119



Tritanopia

45.1588, 49.3417, 64.9014

Trichromacy



Original Color

40.7882, 49.1912, 43.9043

Protanomaly

44.1898, 49.0206, 42.2548

Deuteranomaly

45.9963, 48.6389, 44.5001

Tritanomaly

43.3579, 49.2474, 56.5107

Monochromacy



Original Color

40.7882, 49.1912, 43.9043

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.6290, 47.1366, 47.9258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7882, 49.1912, 43.9043 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(159, 195, 167)` looks like.

```
.text, #text, p{  
    color:rgb(159, 195, 167)  
}
```

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(159, 195, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 195, 167) }
```

Border

The CSS property to change the border of an element to XYZ 40.7882, 49.1912, 43.9043 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(159, 195, 167) }
```


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

```
.border{ border-color:rgb(159, 195, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 195, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 195, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 195, 167);  
box-shadow:4px 4px 4px 4px rgb(159, 195,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7882, 49.1912, 43.9043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 195, 167) }
```

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

```
.background{ background-color: rgb(159,  
195, 167) }
```

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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