

Converting Colors

XYZ(44.2994, 59.4177, 38.0503)

Have a look what the booklet for
XYZ(44.2994, 59.4177, 38.0503)
contains.

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Color

**XYZ(44.2867, 59.4127,
37.9878)**

Conversions

Conversions Part 1

Format	Color
Hex	9CDA96
RGB	156, 218, 150
RGB Percent	61%, 85%, 59%
CMY	0.3882, 0.1451, 0.4118
CMYK	0.28, 0.00, 0.31, 0.15
HSL	115°, 48%, 72%
HSV	115°, 31%, 85%
XYZ	44.2867, 59.4127, 37.9878
YIQ	191.7100, -15.1240, -34.2920

Conversions

Conversions Part 2

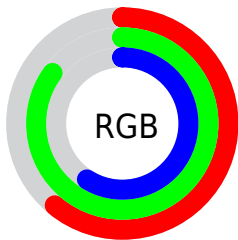
Format	Color
RYB	150, 218, 212
Decimal	10279574
CIELab	81.52, -32.71, 27.34
CIElCh	82, 42.628, 140.110
Yxy	59.4127, 0.3126, 0.4193
Android (android.graphics.Color)	4288469654 (0xFF9CDA96)
YUV	191.7100, -20.5630, -31.3177
Hunter-Lab	77.0796, -32.3308, 24.7354

Details

The XYZ color **44.2867, 59.4127, 37.9878** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.7152, 40.8735, 71.5491**, and the grayscale version is **50.0575, 52.6643, 57.3515**.

A 20% lighter version of the original color is **73.9308, 89.9248, 71.2183**, and **20.9428, 29.9788, 16.4871** is the 20% darker color. If you saturate the color by 10%, you get **39.1556, 56.9536, 29.4212**, and if you desaturate by 10%, it is **50.3770, 62.3320, 48.3065**.

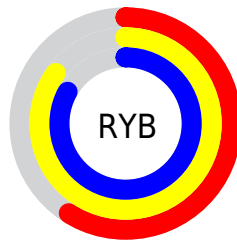
Distribution



Red (61%)

Green (85%)

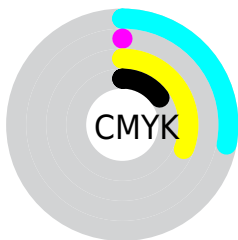
Blue (59%)



Red (59%)

Yellow (85%)

Blue (83%)

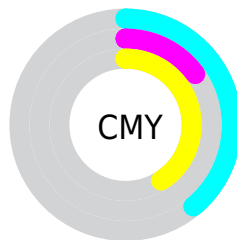


Cyan (28%)

Magenta (0%)

Yellow (31%)

Black (15%)



Cyan (39%)


Magenta (15%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2867, 59.4127, 37.9878 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 44.2867, 59.4127, 37.9878 by changing the saturation by 10% instead.


 44.2867, 59.4127,
37.9878


 44.2867, 59.4127,
37.9878


354.7094,
422.4296, 352.8643

 31.0948, 42.9454,
25.6715


 80.8927, 103.9772,
73.2927

 20.8233, 29.8423,
16.3545


 105.0375,
132.8433, 97.1183

 13.1066, 19.7189,
9.6183


133.5640,
166.6111, 125.6173

 7.5795, 12.1909,
5.0443

166.8375,
205.6650, 159.2085

 3.8766, 6.8738,
2.2141

205.2235,
250.3894, 198.3102

 1.6326, 3.3833,
0.6825

249.0873,

 0.4135, 1.3350,

301.1687, 243.3410

0.0000

298.7941,
358.3873, 294.7195

■ 0.0000, 0.1680,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.2867, 59.4127,
37.9878

■ 44.2867, 59.4127,
37.9878

■ 39.1556, 56.9536,
29.4212

■ 50.3770, 62.3320,
48.3065

■ 34.9302, 54.9240,
22.5057

■ 57.4671, 65.7254,
60.4629

■ 31.5592, 53.3015,
17.1363

■ 65.6008, 69.6153,
74.5417

■ 28.9839, 52.0585,
13.1941

■ 74.8181, 74.0206,
90.6211

■ 27.1382, 51.1638,
10.5431

■ 84.3626, 78.6251,
105.3375

■ 25.9454, 50.5813,
9.0208

■ 25.3457, 50.2859,
8.3703

Harmonies

Analogous

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



50.7663, 59.4127, 28.6133



44.2867, 59.4127, 37.9878



41.1792, 59.4127, 56.6022

Triad

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



44.2867, 59.4127, 37.9878



53.5703, 59.4127, 126.2787



74.1884, 59.4127, 49.2043

Complementary

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



44.2867, 59.4127, 37.9878



50.7152, 40.8735, 71.5491

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.



75.1427, 59.4127, 73.5145



44.2867, 59.4127, 37.9878



62.5856, 59.4127, 122.7681

Square

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



44.2867, 59.4127, 37.9878



46.1529, 59.4127, 110.2646



70.7048, 59.4127, 101.6544



68.2203, 59.4127, 33.8049

Rectangle

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



44.2867, 59.4127, 37.9878



41.1886, 59.4127, 73.7181



70.7048, 59.4127, 101.6544



75.1288, 59.4127, 56.4314

Sweetspot

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



44.2882, 59.4152, 37.9891



84.2887, 94.8541, 90.2474



57.7650, 63.7983, 38.1248



17.6940, 20.1366, 18.7175



0.0000, 0.0000, 0.0000



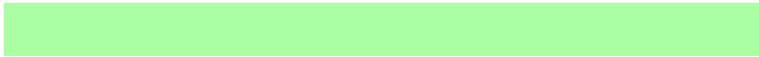
20.3446, 21.4041, 23.3091

Same Dimension

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



44.2882, 59.4152, 37.9891



58.5186, 82.5129, 46.3989



45.6067, 59.8118, 50.8423



12.9925, 14.6609, 13.8706



15.2223, 30.1448, 5.0162



1.0238, 1.9723, 0.3267

Inverse Universe

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



50.7152, 40.8735, 71.5491



68.9778, 52.3031, 101.0677



49.2038, 40.4724, 54.3956



13.4952, 13.2134, 16.4913



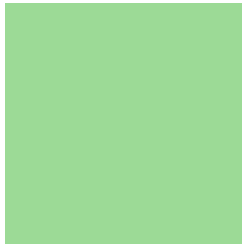
21.7026, 10.3123, 40.5850



1.4399, 0.6856, 2.6309

Previews

White Background



This preview shows how the XYZ color 44.2867, 59.4127, 37.9878 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 44.2867, 59.4127, 37.9878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

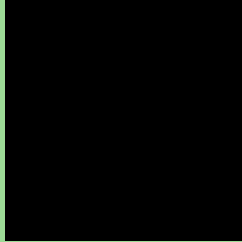
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2867, 59.4127, 37.9878

Background



This preview shows how black text looks on a background with the XYZ color 44.2867, 59.4127, 37.9878.



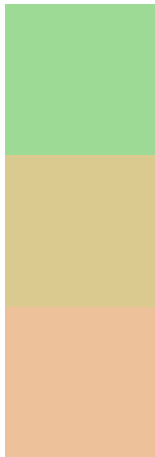
This preview shows how white text looks on a background with the XYZ color 44.2867, 59.4127,

37.9878.

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

44.2867, 59.4127, 37.9878

Protanopia

54.9919, 59.1297, 34.5014

Deuteranopia

60.1332, 58.9547, 39.2204



Tritanopia

52.5087, 58.9830, 79.8515

Trichromacy



Original Color

44.2867, 59.4127, 37.9878

Protanomaly

50.2499, 58.7892, 35.8931

Deuteranomaly

53.1181, 58.4217, 38.6139

Tritanomaly

49.0464, 59.0567, 62.2401

Monochromacy



Original Color

44.2867, 59.4127, 37.9878

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

47.4129, 54.5313, 49.6216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2867, 59.4127, 37.9878 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(156, 218, 150)` looks like.

```
.text, #text, p{  
    color:rgb(156, 218, 150)  
}
```

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(156, 218, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 218, 150) }
```

Border

The CSS property to change the border of an element to XYZ 44.2867, 59.4127, 37.9878 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(156, 218, 150) }
```


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

```
.border{ border-color:rgb(156, 218, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 218, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 218, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 218, 150);  
box-shadow:4px 4px 4px 4px rgb(156, 218,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2867, 59.4127, 37.9878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 218, 150) }
```

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

```
.background{ background-color: rgb(156,  
218, 150) }
```

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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