

Converting Colors

XYZ(35.8831, 42.9427, 37.8500)

Have a look what the booklet for
XYZ(35.8831, 42.9427, 37.8500)
contains.

XYZ(35.8831, 42.9427, 37.8500)	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(35.8831, 42.9427,
37.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	98B79C
RGB	152, 183, 156
RGB Percent	60%, 72%, 61%
CMY	0.4039, 0.2823, 0.3882
CMYK	0.17, 0.00, 0.15, 0.28
HSL	128°, 18%, 66%
HSV	128°, 17%, 72%
XYZ	35.8831, 42.9427, 37.8500
YIQ	170.6530, -9.8090, -14.9690

Conversions

Conversions Part 2

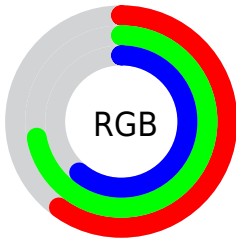
Format	Color
RYB	152, 179, 183
Decimal	10008476
CIELab	71.52, -15.85, 10.26
CIELCh	72, 18.886, 147.079
Yxy	42.9427, 0.3075, 0.3681
Android (android.graphics.Color)	4288198556 (0xFF98B79C)
YUV	170.6530, -7.2239, -16.3587
Hunter-Lab	65.5307, -16.9362, 11.6260

Details

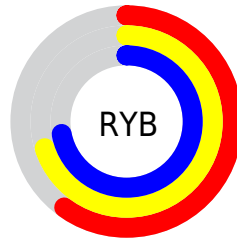
The XYZ color **35.8831, 42.9427, 37.8500** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.8948, 35.7793, 47.5058**, and the grayscale version is **38.5742, 40.5831, 44.1949**.

A 20% lighter version of the original color is **68.3565, 79.7016, 73.4092**, and **15.8993, 19.7519, 16.3391** is the 20% darker color. If you saturate the color by 10%, you get **31.4564, 40.8077, 31.0539**, and if you desaturate by 10%, it is **41.0178, 45.4246, 45.6057**.

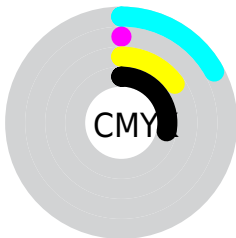
Distribution



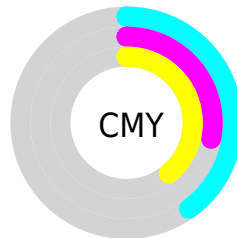
- Red (60%)
- Green (72%)
- Blue (61%)



- Red (60%)
- Yellow (70%)
- Blue (72%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)





- Cyan (40%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8831, 42.9427, 37.8500 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 35.8831, 42.9427, 37.8500 by changing the saturation by 10% instead.


 35.8831, 42.9427,
37.8500


 35.8831, 42.9427,
37.8500


319.8895,
358.3761, 352.2549

 24.5136, 29.8402,
25.5654


 68.1766, 79.6244,
73.0790

 15.8419, 19.7173,
16.2759


 89.8314, 103.9723,
96.8605

 9.5024, 12.1897,
9.5631

115.6453,
132.8375, 125.3114

 5.1301, 6.8730,
5.0085

145.9837,
166.6043, 158.8501

 2.3593, 3.3828,
2.1934

181.2120,
205.6572, 197.8953

 0.8248, 1.3347,
0.6706

221.6955,

 0.0000, 0.1678,

250.3805, 242.8655

0.0000

267.7995,
301.1587, 294.1792

■ 0.0000, 0.0000,
0.0000

■ 35.8831, 42.9427,
37.8500

■ 35.8831, 42.9427,
37.8500

■ 31.4564, 40.8077,
31.0539

■ 41.0178, 45.4246,
45.6057

■ 27.7032, 38.9991,
25.1772

■ 46.8860, 48.2623,
54.3532

■ 24.5913, 37.5022,
20.1815

■ 53.5164, 51.4709,
64.1268

■ 22.0846, 36.2994,
16.0241

■ 60.9350, 55.0633,
74.9584

■ 20.1433, 35.3710,
12.6591

■ 69.1665, 59.0515,
86.8783

■ 18.7227, 34.6953,
10.0362

■ 75.6873, 62.1339,
99.7966

■ 17.7713, 34.2467,
8.0990

■ 76.2243, 62.3487,
102.6248

■ 17.2199, 33.9910,
6.7829

■ 17.0952, 33.9330,
6.4920

Harmonies

Analogous

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



38.0882, 42.9427, 32.8026



35.8831, 42.9427, 37.8500



34.9945, 42.9427, 45.8684

Triad

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



35.8831, 42.9427, 37.8500



40.5042, 42.9427, 66.5741



46.5209, 42.9427, 39.2119

Complementary

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



35.8831, 42.9427, 37.8500



38.8948, 35.7793, 47.5058

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.



47.2492, 42.9427, 47.6576



35.8831, 42.9427, 37.8500



43.6705, 42.9427, 64.1960

Square

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



35.8831, 42.9427, 37.8500



37.5739, 42.9427, 63.0973



46.1809, 42.9427, 56.9627



44.2389, 42.9427, 33.5140

Rectangle

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



35.8831, 42.9427, 37.8500



35.2318, 42.9427, 52.1054



46.1809, 42.9427, 56.9627



46.9606, 42.9427, 41.7883

Sweetspot

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



35.8843, 42.9445, 37.8509



75.3109, 82.2461, 84.4505



41.2819, 45.7656, 36.3640



16.4785, 18.0905, 18.4199



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.



35.8843, 42.9445, 37.8509



61.4386, 75.5447, 63.4727



37.2455, 43.4890, 45.0190



8.9363, 10.0785, 9.8218



11.9400, 23.6769, 4.6060



0.4363, 0.8408, 0.2432

Inverse Universe

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



38.8948, 35.7793, 47.5058



67.7560, 60.5073, 83.7313



37.4483, 35.2007, 39.8884



9.3297, 9.1423, 11.0837



18.0303, 8.7859, 23.8441



0.6496, 0.3153, 0.9144

Previews

White Background



This preview shows how the XYZ color 35.8831, 42.9427, 37.8500 looks on a white background.

Color Contrast Check

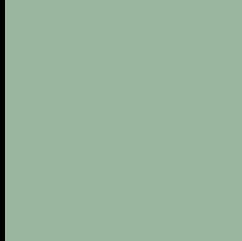
Large Text (above 18pt) WCAG AA × Fail

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 35.8831, 42.9427, 37.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

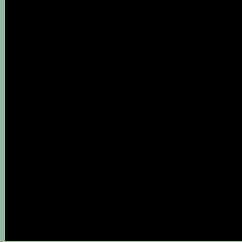
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8831, 42.9427, 37.8500

Background



This preview shows how black text looks on a background with the XYZ color 35.8831, 42.9427, 37.8500.



This preview shows how white text looks on a background with the XYZ color 35.8831, 42.9427,

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

35.8831, 42.9427, 37.8500

Protanopia

40.3320, 42.6064, 35.8039

Deuteranopia

43.4719, 42.7495, 38.7611



Tritanopia

39.5354, 42.9157, 56.0690

Trichromacy



Original Color

35.8831, 42.9427, 37.8500

Protanomaly

38.4852, 42.5148, 36.3148

Deuteranomaly

40.3637, 42.5645, 38.4361

Tritanomaly

38.1682, 42.9651, 48.9292

Monochromacy



Original Color

35.8831, 42.9427, 37.8500

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.5227, 41.3056, 42.0715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8831, 42.9427, 37.8500 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(152, 183, 156)` looks like.

```
.text, #text, p{  
    color:rgb(152, 183, 156)  
}
```

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(152, 183, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 183, 156) }
```

Border

The CSS property to change the border of an element to XYZ 35.8831, 42.9427, 37.8500 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(152, 183, 156) }
```


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

```
.border{ border-color:rgb(152, 183, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 183, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 183, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 183, 156);  
box-shadow:4px 4px 4px 4px rgb(152, 183,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8831, 42.9427, 37.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 183, 156) }
```

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

```
.background{ background-color: rgb(152,  
183, 156) }
```

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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