

Converting Colors

XYZ(36.7456, 43.5816, 38.5088)

Have a look what the booklet for
XYZ(36.7456, 43.5816, 38.5088)
contains.

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Color

**XYZ(36.7439, 43.6839,
38.3935)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB89D
RGB	155, 184, 157
RGB Percent	61%, 72%, 62%
CMY	0.3922, 0.2784, 0.3843
CMYK	0.16, 0.00, 0.15, 0.28
HSL	124°, 17%, 66%
HSV	124°, 16%, 72%
XYZ	36.7439, 43.6839, 38.3935
YIQ	172.2510, -8.6170, -14.5450

Conversions

Conversions Part 2

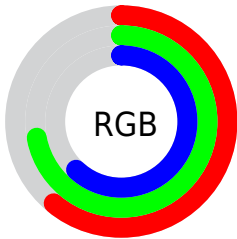
Format	Color
RYB	155, 182, 184
Decimal	10205341
CIELab	72.02, -15.14, 10.46
CIELCh	72, 18.404, 145.374
Yxy	43.6839, 0.3092, 0.3676
Android (android.graphics.Color)	4288395421 (0xFF9BB89D)
YUV	172.2510, -7.5187, -15.1291
Hunter-Lab	66.0938, -16.4296, 11.8244

Details

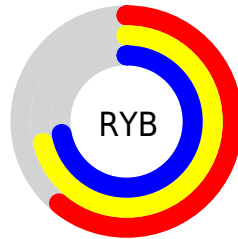
The XYZ color **36.7439, 43.6839, 38.3935** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.9336, 37.0115, 49.2973**, and the grayscale version is **39.3808, 41.4317, 45.1191**.

A 20% lighter version of the original color is **69.6221, 80.7753, 74.2091**, and **16.3113, 20.1568, 16.6666** is the 20% darker color. If you saturate the color by 10%, you get **32.1166, 41.4570, 31.0700**, and if you desaturate by 10%, it is **42.1168, 46.2740, 46.8243**.

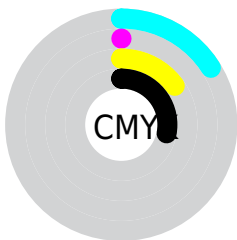
Distribution



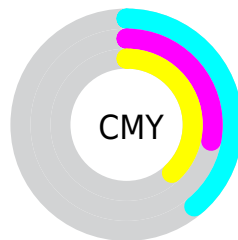
- Red (61%)
- Green (72%)
- Blue (62%)



- Red (61%)
- Yellow (71%)
- Blue (72%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)



- Cyan (39%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7439, 43.6839, 38.3935 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 36.7439, 43.6839, 38.3935 by changing the saturation by 10% instead.

■ 36.7439, 43.6839,
38.3935

■ 36.7439, 43.6839,
38.3935

323.5752,
361.4168, 354.6536

■ 25.1820, 30.4221,
25.9840

■ 69.4951, 80.7419,
73.9210

■ 16.3422, 20.1592,
16.5860

■ 91.4152, 105.3068,
97.8761

■ 9.8590, 12.5108,
9.7810

117.5187,
134.4083, 126.5168

■ 5.3671, 7.0926,
5.1503

148.1710,
168.4306, 160.2617

■ 2.5012, 3.5201,
2.2754

183.7374,
207.7582, 199.5293

■ 0.8959, 1.4089,
0.7174

224.5834,

■ 0.0000, 0.2233,

252.7756, 244.7381

0.0000

271.0742,
303.8669, 296.3067

0.0000, 0.0000,
0.0000

36.7439, 43.6839,
38.3935

36.7439, 43.6839,
38.3935

32.1166, 41.4570,
31.0700

42.1168, 46.2740,
46.8243

28.1986, 39.5718,
24.8051

48.2626, 49.2366,
56.4027

24.9559, 38.0131,
19.5508

55.2113, 52.5877,
67.1706

22.3503, 36.7622,
15.2540

62.9905, 56.3405,
79.1666

20.3396, 35.7988,
11.8572

71.6264, 60.5079,
92.4280

■ 18.8768, 35.0999,
9.2963

■ 76.4314, 62.7627,
102.6938

■ 17.9076, 34.6390,
7.4992

■ 17.3648, 34.3834,
6.3809

■ 17.2120, 34.3110,
6.0859

Harmonies

Analogous

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



38.9843, 43.6839, 33.5795



36.7439, 43.6839, 38.3935



35.7840, 43.6839, 46.1824

Triad

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



36.7439, 43.6839, 38.3935



41.0349, 43.6839, 66.9819



47.2225, 43.6839, 40.5273

Complementary

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



36.7439, 43.6839, 38.3935



39.9336, 37.0115, 49.2973

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.



47.8388, 43.6839, 48.9736



36.7439, 43.6839, 38.3935



44.1638, 43.6839, 64.9756

Square

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



36.7439, 43.6839, 38.3935



38.1807, 43.6839, 63.2726



46.6935, 43.6839, 58.0903



45.0491, 43.6839, 34.6982

Rectangle

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



36.7439, 43.6839, 38.3935



35.9623, 43.6839, 52.3014



46.6935, 43.6839, 58.0903



47.6231, 43.6839, 43.1223

Sweetspot

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



36.7451, 43.6858, 38.3945



77.0553, 84.2227, 85.9889



42.3659, 46.6030, 37.7732



16.4541, 18.0808, 18.2913



88.6918, 93.3107, 101.6153



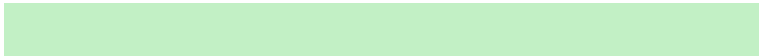
17.8044, 18.7317, 20.3988

Same Dimension

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



36.7451, 43.6858, 38.3945



63.4725, 77.6787, 64.6506



38.0515, 44.2083, 45.2740



8.9148, 10.0699, 9.7088



11.8719, 23.6497, 4.2475



0.4270, 0.8371, 0.1946

Inverse Universe

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



39.9336, 37.0115, 49.2973



70.3819, 63.2150, 88.2756



38.5175, 36.4451, 41.8402



9.3535, 9.1518, 11.2088



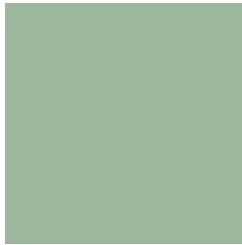
18.7205, 9.0620, 27.4788



0.6680, 0.3227, 1.0111

Previews

White Background



This preview shows how the XYZ color 36.7439, 43.6839, 38.3935 looks on a white background.

Color Contrast Check

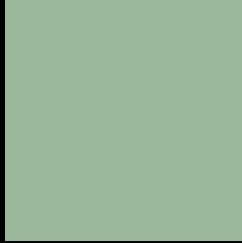
Large Text (above 18pt) WCAG AA × Fail

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 36.7439, 43.6839, 38.3935 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

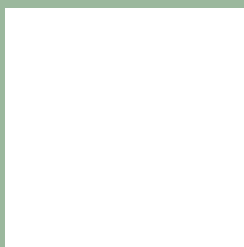
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.7439, 43.6839, 38.3935

Background



This preview shows how black text looks on a background with the XYZ color 36.7439, 43.6839, 38.3935.



This preview shows how white text looks on a background with the XYZ color 36.7439, 43.6839,

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

36.7439, 43.6839, 38.3935

Protanopia

41.2827, 43.6649, 36.3893

Deuteranopia

44.2731, 43.4296, 39.3070



Tritanopia

40.4437, 43.6675, 56.7491

Trichromacy



Original Color

36.7439, 43.6839, 38.3935

Protanomaly

39.4084, 43.5720, 36.9050

Deuteranomaly

41.1164, 43.2304, 38.9781

Tritanomaly

39.0602, 43.7140, 49.5590

Monochromacy



Original Color

36.7439, 43.6839, 38.3935

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.2263, 41.9477, 42.6412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7439, 43.6839, 38.3935 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(155, 184, 157)` looks like.

```
.text, #text, p{  
    color:rgb(155, 184, 157)  
}
```

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(155, 184, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 184, 157) }
```

Border

The CSS property to change the border of an element to XYZ 36.7439, 43.6839, 38.3935 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(155, 184, 157) }
```


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

```
.border{ border-color:rgb(155, 184, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 184, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 184, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 184, 157);  
box-shadow:4px 4px 4px 4px rgb(155, 184,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7439, 43.6839, 38.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 184, 157) }
```

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

```
.background{ background-color: rgb(155,  
184, 157) }
```

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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