

Converting Colors

XYZ(36.9297, 44.2983, 43.1652)

Have a look what the booklet for
XYZ(36.9297, 44.2983, 43.1652)
contains.

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Color

**XYZ(36.9284, 44.2974,
43.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	95BAA7
RGB	149, 186, 167
RGB Percent	58%, 73%, 65%
CMY	0.4157, 0.2706, 0.3451
CMYK	0.20, 0.00, 0.10, 0.27
HSL	149°, 21%, 66%
HSV	149°, 20%, 73%
XYZ	36.9284, 44.2974, 43.1631
YIQ	172.7710, -15.9530, -13.7530

Conversions

Conversions Part 2

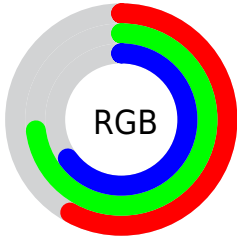
Format	Color
RYB	149, 174, 186
Decimal	9812647
CIELab	72.43, -16.30, 5.54
CIELCh	72, 17.219, 161.231
Yxy	44.2974, 0.2969, 0.3561
Android (android.graphics.Color)	4288002727 (0xFF95BAA7)
YUV	172.7710, -2.8451, -20.8472
Hunter-Lab	66.5563, -17.4337, 8.1386

Details

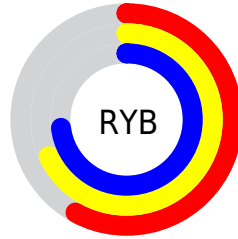
The XYZ color **36.9284, 44.2974, 43.1631** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0666, 34.7623, 41.7513**, and the grayscale version is **39.6247, 41.6883, 45.3985**.

A 20% lighter version of the original color is **69.8388, 81.6156, 81.1797**, and **16.5190, 20.6095, 19.3270** is the 20% darker color. If you saturate the color by 10%, you get **32.9516, 42.3468, 38.5367**, and if you desaturate by 10%, it is **41.5149, 46.5572, 48.1604**.

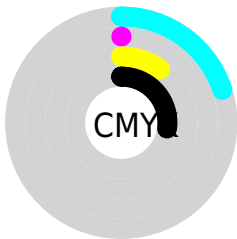
Distribution



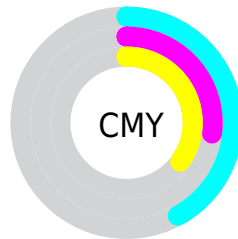
- Red (58%)
- Green (73%)
- Blue (65%)



- Red (58%)
- Yellow (68%)
- Blue (73%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)



- Cyan (42%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9284, 44.2974, 43.1631 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 36.9284, 44.2974, 43.1631 by changing the saturation by 10% instead.

■ 36.9284, 44.2974,
43.1631

■ 36.9284, 44.2974,
43.1631

324.3613,
363.9205, 375.2230

■ 25.3255, 30.9044,
29.6808

■ 69.7772, 81.6651,
81.2459

■ 16.4497, 20.5260,
19.3464

■ 91.7538, 106.4085,
106.6835

■ 9.9358, 12.7780,
11.7415

117.9190,
135.7042, 136.9432

■ 5.4184, 7.2759,
6.4475

148.6381,
169.9366, 172.4436

■ 2.5320, 3.6352,
3.0459

184.2766,
209.4900, 213.6033

■ 0.9114, 1.4717,
1.1181

225.1997,

■ 0.0000, 0.2687,

254.7489, 260.8407

0.0000

271.7728,
306.0976, 314.5744

■ 0.0000, 0.0000,
0.0000

■ 36.9284, 44.2974,
43.1631

■ 36.9284, 44.2974,
43.1631

■ 32.9516, 42.3468,
38.5367

■ 41.5149, 46.5572,
48.1604

■ 29.5536, 40.6860,
34.2697

■ 46.7328, 49.1336,
53.5340

■ 26.7067, 39.3021,
30.3542

■ 52.6071, 52.0405,
59.2929

■ 24.3789, 38.1787,
26.7809

■ 59.1604, 55.2895,
65.4447

■ 22.5348, 37.2979,
23.5400

■ 66.4142, 58.8914,
71.9969

■ 21.1346, 36.6392,
20.6211

■ 72.2970, 61.7784,
78.8590

■ 20.1312, 36.1786,
18.0132

■ 73.6319, 62.3123,
85.8885

■ 19.4326, 35.8689,
15.7028

■ 75.0408, 62.8759,
93.3076

■ 19.4258, 35.8659,
15.6796

■ 76.5248, 63.4695,
101.1223

Harmonies

Analogous

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



38.4533, 44.2974, 36.9566



36.9284, 44.2974, 43.1631



36.7508, 44.2974, 51.4859

Triad

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



36.9284, 44.2974, 43.1631



43.2246, 44.2974, 66.1026



46.5421, 44.2974, 38.2431

Complementary

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



36.9284, 44.2974, 43.1631



38.0666, 34.7623, 41.7513

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.



47.9519, 44.2974, 45.1189



36.9284, 44.2974, 43.1631



45.9774, 44.2974, 61.5959

Square

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



36.9284, 44.2974, 43.1631



40.2940, 44.2974, 65.4190



47.7405, 44.2974, 53.6837



43.9661, 44.2974, 34.3549

Rectangle

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



36.9284, 44.2974, 43.1631



37.4102, 44.2974, 57.2115



47.7405, 44.2974, 53.6837



47.1735, 44.2974, 40.2455

Sweetspot

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



36.9296, 44.2993, 43.1641



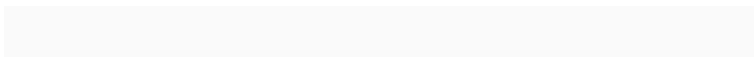
78.6956, 86.0864, 90.9035



39.1586, 45.6274, 35.1775



17.1964, 18.8917, 19.8796



90.7827, 95.5105, 104.0109



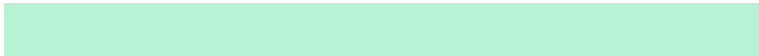
18.6292, 19.5994, 21.3438

Same Dimension

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



36.9296, 44.2993, 43.1641



63.5533, 78.6304, 74.3746



38.7524, 45.0283, 52.7624



9.0675, 10.1310, 10.5127



13.1061, 24.1434, 10.7463



0.4933, 0.8636, 0.5436

Inverse Universe

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



38.0666, 34.7623, 41.7513



66.0007, 58.1016, 71.3329



36.4727, 34.1247, 33.3577



9.1919, 9.0871, 10.3581



15.0670, 7.6006, 8.2397



0.5623, 0.2804, 0.4545

Previews

White Background



This preview shows how the XYZ color 36.9284, 44.2974, 43.1631 looks on a white background.

Color Contrast Check

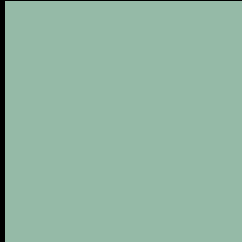
Large Text (above 18pt) WCAG AA × Fail

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 36.9284, 44.2974, 43.1631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

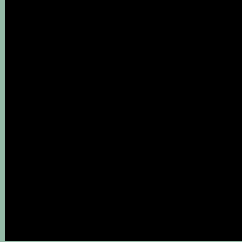
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.9284, 44.2974, 43.1631

Background



This preview shows how black text looks on a background with the XYZ color 36.9284, 44.2974, 43.1631.



This preview shows how white text looks on a background with the XYZ color 36.9284, 44.2974,

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

36.9284, 44.2974, 43.1631

Protanopia

42.0109, 44.2433, 40.5080

Deuteranopia

44.8446, 43.8984, 44.1399



Tritanopia

40.0182, 44.3114, 58.6683

Trichromacy



Original Color

36.9284, 44.2974, 43.1631

Protanomaly

39.8167, 43.9808, 41.5125

Deuteranomaly

41.5092, 43.6185, 43.7676

Tritanomaly

38.6393, 44.0452, 52.3640

Monochromacy



Original Color

36.9284, 44.2974, 43.1631

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.5809, 42.6736, 44.7315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9284, 44.2974, 43.1631 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(149, 186, 167)` looks like.

```
.text, #text, p{  
    color:rgb(149, 186, 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(149, 186, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 186, 167) }
```

Border

The CSS property to change the border of an element to XYZ 36.9284, 44.2974, 43.1631 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(149, 186, 167) }
```


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

```
.border{ border-color:rgb(149, 186, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 186, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 186, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 186, 167);  
box-shadow:4px 4px 4px 4px rgb(149, 186,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9284, 44.2974, 43.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 186, 167) }
```

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

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