

Converting Colors

XYZ(33.0875, 38.3632, 43.0503)

Have a look what the booklet for
XYZ(33.0875, 38.3632, 43.0503)
contains.

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Color

**XYZ(33.0895, 38.4144,
43.2068)**

Conversions

Conversions Part 1

Format	Color
Hex	8DADA9
RGB	141, 173, 169
RGB Percent	55%, 68%, 66%
CMY	0.4471, 0.3216, 0.3373
CMYK	0.18, 0.00, 0.02, 0.32
HSL	172°, 16%, 62%
HSV	172°, 18%, 68%
XYZ	33.0895, 38.4144, 43.2068
YIQ	162.9760, -17.7880, -8.0280

Conversions

Conversions Part 2

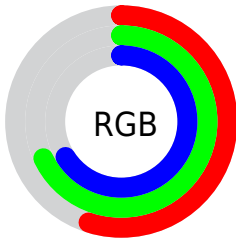
Format	Color
RYB	141, 158, 173
Decimal	9285033
CIELab	68.32, -11.73, -1.58
CIELCh	68, 11.837, 187.679
Yxy	38.4144, 0.2885, 0.3349
Android (android.graphics.Color)	4287475113 (0xFF8DADA9)
YUV	162.9760, 2.9698, -19.2730
Hunter-Lab	61.9794, -13.1664, 2.0535

Details

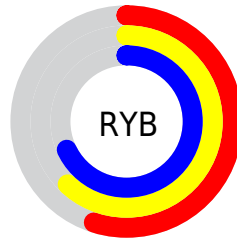
The XYZ color **33.0895, 38.4144, 43.2068** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.8707, 29.9794, 30.8966**, and the grayscale version is **34.7947, 36.6068, 39.8648**.

A 20% lighter version of the original color is **63.7036, 72.4707, 81.1517**, and **14.2647, 17.1328, 19.3847** is the 20% darker color. If you saturate the color by 10%, you get **30.1734, 36.9354, 42.0194**, and if you desaturate by 10%, it is **36.4707, 40.1348, 44.4351**.

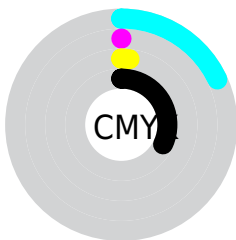
Distribution



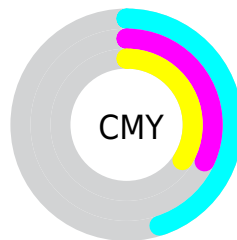
- Red (55%)
- Green (68%)
- Blue (66%)



- Red (55%)
- Yellow (62%)
- Blue (68%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (32%)



- Cyan (45%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0895, 38.4144, 43.2068 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 33.0895, 38.4144, 43.2068 by changing the saturation by 10% instead.

■ 33.0895, 38.4144,
43.2068

■ 33.0895, 38.4144,
43.2068

307.7107,
339.3943, 375.4077

■ 22.3546, 26.3045,
29.7148

■ 63.8690, 72.7429,
81.3125

■ 14.2357, 17.0516,
19.3720

■ 84.6442, 95.7302,
106.7634

■ 8.3676, 10.2713,
11.7599

■ 109.4970,
123.1121, 137.0375

■ 4.3848, 5.5792,
6.4598

138.7926,
155.2730, 172.5536

■ 1.9221, 2.5909,
3.0534

172.8964,
192.5973, 213.7301

■ 0.5896, 0.9221,
1.1220

212.1738,

■ 0.0000, 0.0000,

235.4693, 260.9856

0.0000

256.9901,
284.2735, 314.7386

■ 33.0895, 38.4144,
43.2068

■ 33.0895, 38.4144,
43.2068

■ 30.1734, 36.9354,
42.0194

■ 36.4707, 40.1348,
44.4351

■ 27.6978, 35.6820,
40.8693

■ 40.3337, 42.1022,
45.7028

■ 25.6408, 34.6441,
39.7562

■ 44.6981, 44.3277,
47.0117

■ 23.9774, 33.8088,
38.6788

■ 49.5819, 46.8205,
48.3626

■ 22.6798, 33.1616,
37.6357

■ 55.0017, 49.5893,
49.7566

■ 21.7167, 32.6865,
36.6254

■ 60.9738, 52.6424,
51.1943

■ 21.0514, 32.3644,
35.6461

■ 64.8514, 54.6154,
52.5520

■ 20.6190, 32.1622,
34.6947

■ 65.0803, 54.7069,
53.7572

■ 20.5600, 32.1348,
34.5535

■ 65.3126, 54.7998,
54.9806

Harmonies

Analogous

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



33.3103, 38.4144, 38.0656



33.0895, 38.4144, 43.2068



33.7607, 38.4144, 48.3870

Triad

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



33.0895, 38.4144, 43.2068



38.7358, 38.4144, 50.4442



37.8833, 38.4144, 33.0702

Complementary

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



33.0895, 38.4144, 43.2068



31.8707, 29.9794, 30.8966

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.



39.4083, 38.4144, 35.8880



33.0895, 38.4144, 43.2068



39.9120, 38.4144, 45.8278

Square

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



33.0895, 38.4144, 43.2068



36.9905, 38.4144, 52.7898



40.1622, 38.4144, 40.4764



36.0371, 38.4144, 32.4974

Rectangle

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



33.0895, 38.4144, 43.2068



34.6376, 38.4144, 51.0675



40.1622, 38.4144, 40.4764



38.4523, 38.4144, 33.7740

Sweetspot

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



33.0906, 38.4160, 43.2077



66.8900, 72.6784, 80.1144



31.4766, 37.8558, 30.8479



14.4467, 15.7488, 17.3803



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



33.0906, 38.4160, 43.2077



57.1341, 67.7180, 76.5442



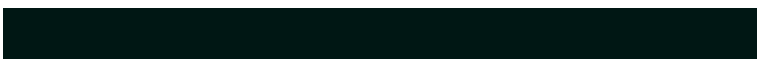
31.3200, 34.2642, 44.4999



8.1926, 9.0546, 10.0390



15.1181, 23.6125, 25.4595



0.4324, 0.6616, 0.7705

Inverse Universe

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



31.8707, 29.9794, 30.8966



54.5625, 49.9284, 50.5885



33.3902, 33.5038, 29.9070



8.0445, 8.0310, 8.5451



12.7766, 6.5732, 1.2033



0.3679, 0.1879, 0.0993

Previews

White Background



This preview shows how the XYZ color 33.0895, 38.4144, 43.2068 looks on a white background.

Color Contrast Check

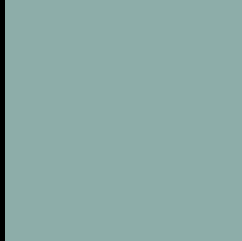
Large Text (above 18pt) WCAG AA × Fail

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 33.0895, 38.4144, 43.2068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

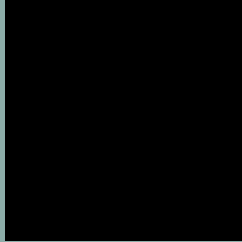
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

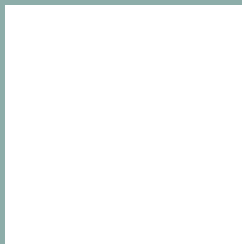
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0895, 38.4144, 43.2068

Background



This preview shows how black text looks on a background with the XYZ color 33.0895, 38.4144, 43.2068.

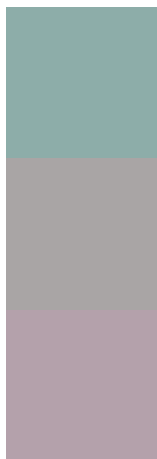


This preview shows how white text looks on a background with the XYZ color 33.0895, 38.4144,

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

33.0895, 38.4144, 43.2068

Protanopia

36.6089, 38.0619, 41.0145

Deuteranopia

38.9179, 38.1333, 43.8373



Tritanopia

34.7162, 38.5158, 50.9520

Trichromacy



Original Color

33.0895, 38.4144, 43.2068

Protanomaly

35.1836, 38.1294, 41.5817

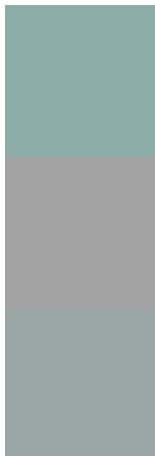
Deuteranomaly

36.4367, 37.9195, 43.4290

Tritanomaly

34.2169, 38.5994, 48.2948

Monochromacy



Original Color

33.0895, 38.4144, 43.2068

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.1278, 37.3226, 41.0026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0895, 38.4144, 43.2068 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(141, 173, 169)` looks like.

```
.text, #text, p{  
    color:rgb(141, 173, 169)  
}
```

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(141, 173, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 173, 169) }
```

Border

The CSS property to change the border of an element to XYZ 33.0895, 38.4144, 43.2068 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(141, 173, 169) }
```


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

```
.border{ border-color:rgb(141, 173, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 173, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 173, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 173, 169);  
box-shadow:4px 4px 4px 4px rgb(141, 173,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0895, 38.4144, 43.2068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 173, 169) }
```

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

```
.background{ background-color: rgb(141,  
173, 169) }
```

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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