

Converting Colors

XYZ(34.0879, 38.3147, 43.4659)

Have a look what the booklet for
XYZ(34.0879, 38.3147, 43.4659)
contains.

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Color

**XYZ(34.2130, 38.4177,
43.6423)**

Conversions

Conversions Part 1

Format	Color
Hex	95ABAA
RGB	149, 171, 170
RGB Percent	58%, 67%, 67%
CMY	0.4157, 0.3294, 0.3333
CMYK	0.13, 0.00, 0.01, 0.33
HSL	177°, 12%, 63%
HSV	177°, 13%, 67%
XYZ	34.2130, 38.4177, 43.6423
YIQ	164.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

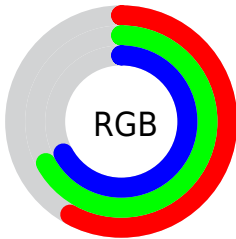
Format	Color
RYB	149, 160, 171
Decimal	9808810
CIELab	68.33, -7.80, -2.07
CIElCh	68, 8.074, 194.853
Yxy	38.4177, 0.2942, 0.3304
Android (android.graphics.Color)	4287998890 (0xFF95ABAA)
YUV	164.3080, 2.8062, -13.4251
Hunter-Lab	61.9820, -9.9396, 1.6406

Details

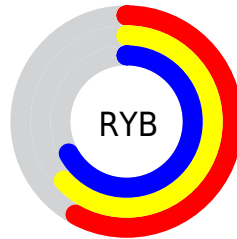
The XYZ color **34.2130, 38.4177, 43.6423** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0484, 32.3558, 33.3593**, and the grayscale version is **35.4256, 37.2705, 40.5876**.

A 20% lighter version of the original color is **65.4156, 72.5255, 81.7852**, and **14.9038, 17.0983, 19.6543** is the 20% darker color. If you saturate the color by 10%, you get **31.2461, 36.8978, 43.1205**, and if you desaturate by 10%, it is **37.6406, 40.1772, 44.1896**.

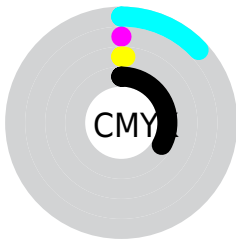
Distribution



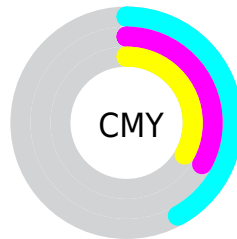
- Red (58%)
- Green (67%)
- Blue (67%)



- Red (58%)
- Yellow (63%)
- Blue (67%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)



- Cyan (42%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2130, 38.4177, 43.6423 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 34.2130, 38.4177, 43.6423 by changing the saturation by 10% instead.

■ 34.2130, 38.4177,
43.6423

■ 34.2130, 38.4177,
43.6423

312.6500,
339.4084, 377.2451

■ 23.2209, 26.3070,
30.0543

■ 65.6069, 72.7479,
81.9759

■ 14.8783, 17.0535,
19.6274

■ 86.7394, 95.7363,
107.5586

■ 8.8198, 10.2726,
11.9431

111.9827,
123.1193, 137.9767

■ 4.6800, 5.5801,
6.5829

141.7023,
155.2814, 173.6485

■ 2.0936, 2.5915,
3.1282

176.2635,
192.6069, 214.9927

■ 0.6857, 0.9224,
1.1604

216.0316,

■ 0.0000, 0.0000,

235.4804, 262.4279

0.0000

261.3720,
284.2861, 316.3725

■ 34.2130, 38.4177,
43.6423

■ 34.2130, 38.4177,
43.6423

■ 31.2461, 36.8978,
43.1205

■ 37.6406, 40.1772,
44.1896

■ 28.7168, 35.6023,
42.6206

■ 41.5444, 42.1810,
44.7606

■ 26.6049, 34.5219,
42.1426

■ 45.9429, 44.4400,
45.3571

■ 24.8871, 33.6447,
41.6852

■ 50.8531, 46.9625,
45.9798

■ 23.5381, 32.9576,
41.2474

■ 56.2908, 49.7570,
46.6295

■ 22.5296, 32.4459,
40.8278

■ 62.2713, 52.8313,
47.3069

■ 21.8290, 32.0930,
40.4248

■ 63.5865, 53.5004,
47.7683

■ 21.3978, 31.8788,
40.0367

■ 63.6635, 53.5313,
48.1741

■ 21.1934, 31.7792,
39.7661

■ 63.7410, 53.5623,
48.5821

Harmonies

Analogous

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



34.2161, 38.4177, 40.0357



34.2130, 38.4177, 43.6423



34.8169, 38.4177, 46.9404

Triad

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



34.2130, 38.4177, 43.6423



38.2581, 38.4177, 46.9677



37.1544, 38.4177, 35.4577

Complementary

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



34.2130, 38.4177, 43.6423



33.0484, 32.3558, 33.3593

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.



38.2672, 38.4177, 37.1053



34.2130, 38.4177, 43.6423



38.9144, 38.4177, 43.6778

Square

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



34.2130, 38.4177, 43.6423



37.1422, 38.4177, 48.9344



38.9177, 38.4177, 40.0692



35.8947, 38.4177, 35.4495

Rectangle

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



34.2130, 38.4177, 43.6423



35.4906, 38.4177, 48.4611



38.9177, 38.4177, 40.0692



37.5587, 38.4177, 35.8338

Sweetspot

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



34.2141, 38.4193, 43.6432



66.6257, 71.5497, 79.0172



32.5849, 37.7909, 34.0112



14.7520, 15.9016, 17.6048



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.



34.2141, 38.4193, 43.6432



59.9243, 68.1121, 77.9304



32.5085, 34.8557, 43.5445



8.2203, 9.0657, 10.1852



15.9813, 23.9578, 30.0047



0.4493, 0.6684, 0.8595

Inverse Universe

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



33.0484, 32.3558, 33.3593



57.4881, 55.4391, 56.4372



34.6017, 35.5911, 33.4803



8.0195, 8.0210, 8.4134



12.6982, 6.5418, 0.7903



0.3579, 0.1839, 0.0467

Previews

White Background



This preview shows how the XYZ color 34.2130, 38.4177, 43.6423 looks on a white background.

Color Contrast Check

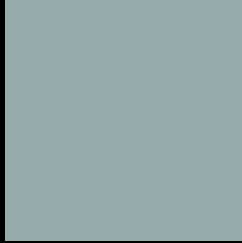
Large Text (above 18pt) WCAG AA × Fail

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 34.2130, 38.4177, 43.6423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

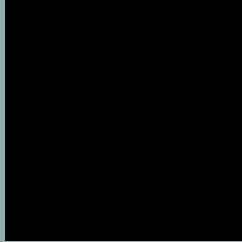
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

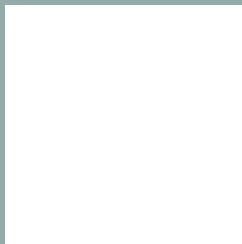
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2130, 38.4177, 43.6423

Background



This preview shows how black text looks on a background with the XYZ color 34.2130, 38.4177, 43.6423.

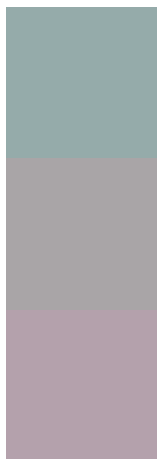


This preview shows how white text looks on a background with the XYZ color 34.2130, 38.4177,

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

34.2130, 38.4177, 43.6423

Protanopia

36.7924, 38.1353, 41.9809

Deuteranopia

39.0137, 38.1716, 44.3413



Tritanopia

35.4977, 38.3741, 50.3358

Trichromacy



Original Color

34.2130, 38.4177, 43.6423

Protanomaly

35.7869, 38.1460, 42.5225

Deuteranomaly

37.1680, 38.2856, 43.9590

Tritanomaly

34.9883, 38.4478, 47.6966

Monochromacy



Original Color

34.2130, 38.4177, 43.6423

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.9997, 37.7615, 41.5204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2130, 38.4177, 43.6423 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, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(149, 171, 170)  
}
```

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, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 171, 170) }
```

Border

The CSS property to change the border of an element to XYZ 34.2130, 38.4177, 43.6423 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, 171, 170) }
```


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

```
.border{ border-color:rgb(149, 171, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 171, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(149, 171,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2130, 38.4177, 43.6423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 171, 170) }
```

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

```
.background{ background-color: rgb(149,  
171, 170) }
```

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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