

Converting Colors

XYZ(34.3005, 38.4951, 42.1817)

Have a look what the booklet for
XYZ(34.3005, 38.4951, 42.1817)
contains.

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Color

**XYZ(34.3005, 38.4951,
42.1817)**

Conversions

Conversions Part 1

Format	Color
Hex	97ABA7
RGB	151, 171, 167
RGB Percent	59%, 67%, 65%
CMY	0.4078, 0.3294, 0.3451
CMYK	0.12, 0.00, 0.02, 0.33
HSL	168°, 11%, 63%
HSV	168°, 12%, 67%
XYZ	34.3005, 38.4951, 42.1817
YIQ	164.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

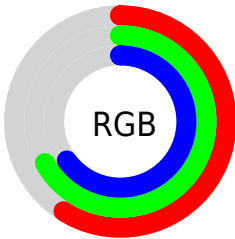
Format	Color
RYB	151, 162, 171
Decimal	9939879
CIELab	68.38, -7.75, -0.31
CIELCh	68, 7.751, 182.280
Yxy	38.4951, 0.2983, 0.3348
Android (android.graphics.Color)	4288129959 (0xFF97ABA7)
YUV	164.5640, 1.2009, -11.8956
Hunter-Lab	62.0444, -9.8962, 3.1220

Details

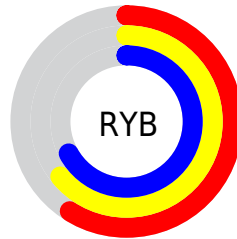
The XYZ color **34.3005, 38.4951, 42.1817** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7790, 33.1588, 35.6321**, and the grayscale version is **35.5545, 37.4061, 40.7352**.

A 20% lighter version of the original color is **65.5580, 72.6458, 79.6740**, and **14.9469, 17.1408, 18.7404** is the 20% darker color. If you saturate the color by 10%, you get **31.0423, 36.8526, 40.4004**, and if you desaturate by 10%, it is **38.0296, 40.3815, 44.0304**.

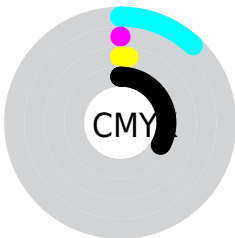
Distribution



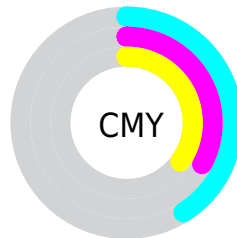
- Red (59%)
- Green (67%)
- Blue (65%)



- Red (59%)
- Yellow (64%)
- Blue (67%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (33%)



- Cyan (41%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3005, 38.4951, 42.1817 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 34.3005, 38.4951, 42.1817 by changing the saturation by 10% instead.

■ 34.3005, 38.4951,
42.1817

■ 34.3005, 38.4951,
42.1817

313.0323,
339.7391, 371.0575

■ 23.2885, 26.3672,
28.9170

■ 65.7419, 72.8664,
79.7476

■ 14.9286, 17.0985,
18.7730

■ 86.9020, 95.8785,
104.8858

■ 8.8553, 10.3048,
11.3312

112.1756,
123.2875, 134.8190

■ 4.7032, 5.6015,
6.1731

141.9279,
155.4777, 169.9656

■ 2.1072, 2.6043,
2.8801

176.5244,
192.8336, 210.7442

■ 0.6931, 0.9288,
1.0338

216.3304,

■ 0.0000, 0.0000,

235.7395, 257.5734

0.0000

261.7112,
284.5799, 310.8716

■ 34.3005, 38.4951,
42.1817

■ 34.3005, 38.4951,
42.1817

■ 31.0423, 36.8526,
40.4004

■ 38.0296, 40.3815,
44.0304

■ 28.2320, 35.4389,
38.6825

■ 42.2449, 42.5166,
45.9451

■ 25.8494, 34.2448,
37.0278

■ 46.9652, 44.9110,
47.9277

■ 23.8715, 33.2583,
35.4346

■ 52.2070, 47.5733,
49.9795

■ 22.2732, 32.4667,
33.9016

■ 57.9864, 50.5117,
52.1014

■ 21.0265, 31.8553,
32.4271

■ 64.3185, 53.7340,
54.2944

■ 20.0994, 31.4078,
31.0091

■ 65.2024, 54.1467,
56.2781

■ 19.4540, 31.1046,
29.6456

■ 65.5834, 54.2991,
58.2843

■ 19.0636, 30.9272,
28.5514

■ 65.9732, 54.4550,
60.3370

Harmonies

Analogous

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



34.5565, 38.4951, 38.8750



34.3005, 38.4951, 42.1817



34.6462, 38.4951, 45.5952

Triad

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



34.3005, 38.4951, 42.1817



37.8520, 38.4951, 47.8375



37.6873, 38.4951, 36.2595

Complementary

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



34.3005, 38.4951, 42.1817



33.7790, 33.1588, 35.6321

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.



38.6020, 38.4951, 38.4376



34.3005, 38.4951, 42.1817



38.6985, 38.4951, 45.1087

Square

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



34.3005, 38.4951, 42.1817



36.6816, 38.4951, 48.9713



38.9759, 38.4951, 41.6487



36.4955, 38.4951, 35.5706

Rectangle

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



34.3005, 38.4951, 42.1817



35.1759, 38.4951, 47.4403



38.9759, 38.4951, 41.6487



38.0383, 38.4951, 36.8356

Sweetspot

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



34.3016, 38.4967, 42.1826



66.4432, 71.4767, 78.0562



33.7317, 38.3634, 34.9060



14.7040, 15.8824, 17.3519



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.



34.3016, 38.4967, 42.1826



59.8623, 68.1512, 74.7182



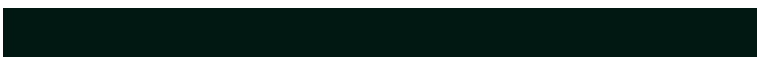
33.6298, 36.5517, 43.8126



8.1666, 9.0442, 9.9024



14.3895, 23.3211, 21.6224



0.4175, 0.6557, 0.6923

Inverse Universe

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



33.7790, 33.1588, 35.6321



58.7422, 56.7079, 60.6765



34.3825, 34.8948, 34.2022



8.0683, 8.0406, 8.6707



12.8963, 6.6211, 1.8336



0.3774, 0.1916, 0.1490

Previews

White Background



This preview shows how the XYZ color 34.3005, 38.4951, 42.1817 looks on a white background.

Color Contrast Check

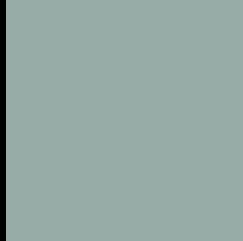
Large Text (above 18pt) WCAG AA × Fail

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 34.3005, 38.4951, 42.1817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

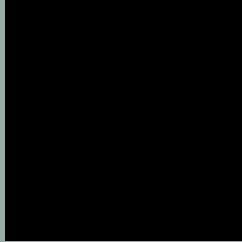
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

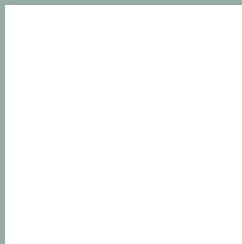
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3005, 38.4951, 42.1817

Background



This preview shows how black text looks on a background with the XYZ color 34.3005, 38.4951, 42.1817.

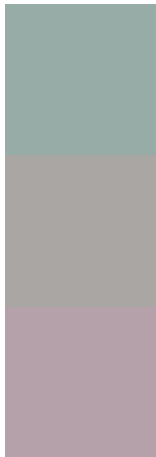


This preview shows how white text looks on a background with the XYZ color 34.3005, 38.4951,

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

34.3005, 38.4951, 42.1817

Protanopia

36.9146, 38.4988, 40.6074

Deuteranopia

38.9624, 38.1781, 42.8517



Tritanopia

35.9579, 38.6234, 49.8158

Trichromacy



Original Color

34.3005, 38.4951, 42.1817

Protanomaly

35.8984, 38.5084, 41.1381

Deuteranomaly

37.1006, 38.2835, 42.4798

Tritanomaly

35.4474, 38.6961, 47.1958

Monochromacy



Original Color

34.3005, 38.4951, 42.1817

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.1989, 37.8642, 41.5297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3005, 38.4951, 42.1817 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(151, 171, 167)` looks like.

```
.text, #text, p{  
    color:rgb(151, 171, 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(151, 171, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 171, 167) }
```

Border

The CSS property to change the border of an element to XYZ 34.3005, 38.4951, 42.1817 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(151, 171, 167) }
```


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

```
.border{ border-color:rgb(151, 171, 167) }
```

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

Here you see how a box with a 4 pixel rgb(151, 171, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 171, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 171, 167);  
box-shadow:4px 4px 4px 4px rgb(151, 171,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3005, 38.4951, 42.1817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 171, 167) }
```

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

```
.background{ background-color: rgb(151,  
171, 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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