

Converting Colors

XYZ(34.8421, 39.5161, 39.5101)

Have a look what the booklet for
XYZ(34.8421, 39.5161, 39.5101)
contains.

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Color

**XYZ(34.7030, 39.3304,
39.4807)**

Conversions

Conversions Part 1

Format	Color
Hex	9AADA1
RGB	154, 173, 161
RGB Percent	60%, 68%, 63%
CMY	0.3961, 0.3216, 0.3686
CMYK	0.11, 0.00, 0.07, 0.32
HSL	142°, 10%, 64%
HSV	142°, 11%, 68%
XYZ	34.7030, 39.3304, 39.4807
YIQ	165.9510, -7.4720, -7.7600

Conversions

Conversions Part 2

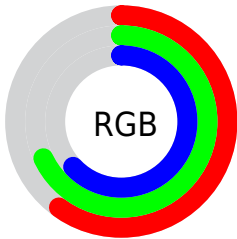
Format	Color
RYB	154, 168, 173
Decimal	10136993
CIELab	68.99, -8.97, 3.92
CIELCh	69, 9.788, 156.409
Yxy	39.3304, 0.3057, 0.3465
Android (android.graphics.Color)	4288327073 (0xFF9AADA1)
YUV	165.9510, -2.4408, -10.4810
Hunter-Lab	62.7140, -10.9758, 6.5746

Details

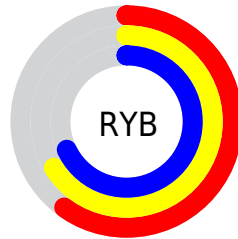
The XYZ color **34.7030, 39.3304, 39.4807** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.6735, 34.7495, 40.9053**, and the grayscale version is **36.2367, 38.1239, 41.5169**.

A 20% lighter version of the original color is **66.1505, 73.8546, 75.7346**, and **15.2454, 17.6841, 17.3617** is the 20% darker color. If you saturate the color by 10%, you get **30.7228, 37.3862, 34.4824**, and if you desaturate by 10%, it is **39.2442, 41.5563, 44.9466**.

Distribution



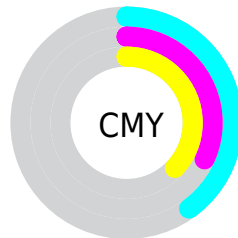
- Red (60%)
- Green (68%)
- Blue (63%)



- Red (60%)
- Yellow (66%)
- Blue (68%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (32%)



- Cyan (40%)
- Magenta (32%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7030, 39.3304, 39.4807 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 34.7030, 39.3304, 39.4807 by changing the saturation by 10% instead.

■ 34.7030, 39.3304,
39.4807

■ 34.7030, 39.3304,
39.4807

314.7865,
343.2932, 359.4167

■ 23.5996, 27.0169,
26.8232

■ 66.3625, 74.1428,
75.6005

■ 15.1600, 17.5859,
17.2092

■ 87.6493, 97.4104,
99.8999

■ 9.0188, 10.6531,
10.2202

113.0613,
125.0982, 128.9169

■ 4.8107, 5.8341,
5.4377

142.9638,
157.5905, 163.0703

■ 2.1702, 2.7444,
2.4431

177.7222,
195.2718, 202.7784

■ 0.7270, 0.9998,
0.8098

217.7019,

■ 0.0000, 0.0000,

238.5264, 248.4598

0.0000

263.2682,
287.7387, 300.5330

■ 34.7030, 39.3304,
39.4807

■ 34.7030, 39.3304,
39.4807

■ 30.7228, 37.3862,
34.4824

■ 39.2442, 41.5563,
44.9466

■ 27.2781, 35.7074,
29.9368

■ 44.3642, 44.0696,
50.8892

■ 24.3459, 34.2836,
25.8321

■ 50.0841, 46.8818,
57.3208

■ 21.9006, 33.1018,
22.1548

■ 56.4228, 50.0027,
64.2522

■ 19.9140, 32.1479,
18.8909

■ 63.3984, 53.4413,
71.6942

■ 18.3551, 31.4061,
16.0256

■ 69.9895, 56.6708,
79.6084

■ 17.1886, 30.8585,
13.5430

■ 71.5425, 57.2919,
87.7862

■ 16.3732, 30.4842,
11.4262

■ 73.1928, 57.9521,
96.4769

■ 15.8621, 30.2558,
9.8144

■ 74.2343, 58.3687,
101.9614

Harmonies

Analogous

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



35.6319, 39.3304, 36.2822



34.7030, 39.3304, 39.4807



34.4830, 39.3304, 43.7892

Triad

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



34.7030, 39.3304, 39.4807



37.7179, 39.3304, 51.9308



39.8462, 39.3304, 37.9298

Complementary

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



34.7030, 39.3304, 39.4807



35.6735, 34.7495, 40.9053

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.



40.4399, 39.3304, 41.8733



34.7030, 39.3304, 39.4807



39.1893, 39.3304, 50.1086

Square

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



34.7030, 39.3304, 39.4807



36.1959, 39.3304, 51.1799



40.1962, 39.3304, 46.3512



38.5944, 39.3304, 35.4312

Rectangle

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



34.7030, 39.3304, 39.4807



34.7623, 39.3304, 46.7556



40.1962, 39.3304, 46.3512



40.1309, 39.3304, 39.1194

Sweetspot

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



34.7041, 39.3321, 39.4816



68.5154, 73.5560, 78.3995



36.5106, 40.3327, 36.4330



14.7457, 15.9147, 16.8660



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.



34.7041, 39.3321, 39.4816



60.4654, 69.6141, 68.6262



35.5712, 39.6789, 44.0479



8.0219, 8.9863, 9.1404



11.6781, 22.2365, 7.3443



0.3517, 0.6293, 0.3457

Inverse Universe

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



35.6735, 34.7495, 40.9053



62.5242, 59.8811, 71.6495



34.8364, 34.4147, 36.4970



8.2100, 8.0972, 9.4167



14.7275, 7.3535, 11.4761



0.4349, 0.2146, 0.4518

Previews

White Background



This preview shows how the XYZ color 34.7030, 39.3304, 39.4807 looks on a white background.

Color Contrast Check

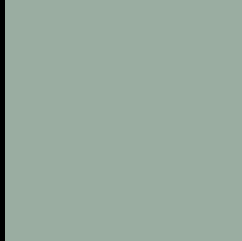
Large Text (above 18pt) WCAG AA × Fail

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 34.7030, 39.3304, 39.4807 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

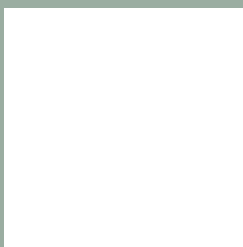
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7030, 39.3304, 39.4807

Background



This preview shows how black text looks on a background with the XYZ color 34.7030, 39.3304, 39.4807.



This preview shows how white text looks on a background with the XYZ color 34.7030, 39.3304,

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

34.7030, 39.3304, 39.4807

Protanopia

37.2239, 38.9903, 37.9117

Deuteranopia

39.9578, 39.2778, 40.1257



Tritanopia

37.0225, 39.4374, 50.4606

Trichromacy



Original Color

34.7030, 39.3304, 39.4807

Protanomaly

36.1719, 38.9861, 38.4195

Deuteranomaly

37.7959, 39.2447, 39.7654

Tritanomaly

36.2054, 39.3891, 46.2521

Monochromacy



Original Color

34.7030, 39.3304, 39.4807

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.7891, 38.7377, 40.7128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7030, 39.3304, 39.4807 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(154, 173, 161)` looks like.

```
.text, #text, p{  
    color:rgb(154, 173, 161)  
}
```

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(154, 173, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 173, 161) }
```

Border

The CSS property to change the border of an element to XYZ 34.7030, 39.3304, 39.4807 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(154, 173, 161) }
```


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

```
.border{ border-color:rgb(154, 173, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 173, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 173, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 173, 161);  
box-shadow:4px 4px 4px 4px rgb(154, 173,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7030, 39.3304, 39.4807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 173, 161) }
```

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

```
.background{ background-color: rgb(154,  
173, 161) }
```

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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