

Converting Colors

XYZ(31.5679, 34.9935, 37.8915)

Have a look what the booklet for
XYZ(31.5679, 34.9935, 37.8915)
contains.

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Color

**XYZ(31.5679, 34.9935,
37.8915)**

Conversions

Conversions Part 1

Format	Color
Hex	94A39F
RGB	148, 163, 159
RGB Percent	58%, 64%, 62%
CMY	0.4196, 0.3608, 0.3765
CMYK	0.09, 0.00, 0.02, 0.36
HSL	164°, 8%, 61%
HSV	164°, 9%, 64%
XYZ	31.5679, 34.9935, 37.8915
YIQ	158.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

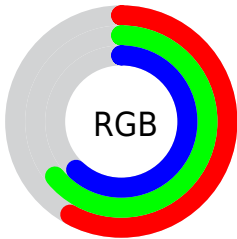
Format	Color
RYB	148, 157, 163
Decimal	9741215
CIELab	65.74, -6.08, 0.26
CIELCh	66, 6.086, 177.552
Yxy	34.9935, 0.3022, 0.3350
Android (android.graphics.Color)	4287931295 (0xFF94A39F)
YUV	158.0590, 0.4639, -8.8217
Hunter-Lab	59.1553, -8.2662, 3.4309

Details

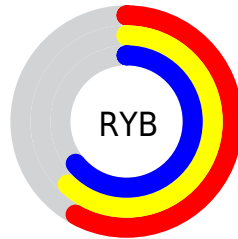
The XYZ color **31.5679, 34.9935, 37.8915** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3629, 31.2341, 34.0831**, and the grayscale version is **32.5274, 34.2213, 37.2670**.

A 20% lighter version of the original color is **61.5661, 67.5544, 73.4128**, and **13.3210, 14.9930, 16.3792** is the 20% darker color. If you saturate the color by 10%, you get **28.4541, 33.4321, 35.8108**, and if you desaturate by 10%, it is **35.1122, 36.7773, 40.0631**.

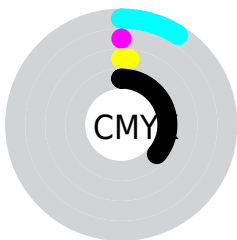
Distribution



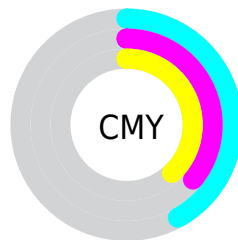
- Red (58%)
- Green (64%)
- Blue (62%)



- Red (58%)
- Yellow (62%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5679, 34.9935, 37.8915 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 31.5679, 34.9935, 37.8915 by changing the saturation by 10% instead.

■ 31.5679, 34.9935,
37.8915

■ 31.5679, 34.9935,
37.8915

300.9265,
324.5396, 352.4385

■ 21.1856, 23.6579,
25.5973

■ 61.5029, 67.4757,
73.1434

■ 13.3730, 15.0800,
16.2996

■ 81.7862, 89.3911,
96.9382

■ 7.7646, 8.8756,
9.5797

106.1007,
115.6018, 125.4035

■ 3.9953, 4.6601,
5.0193

134.8116,
146.4923, 158.9581

■ 1.6995, 2.0492,
2.1996

168.2842,
182.4469, 198.0203

■ 0.4559, 0.6359,
0.6742

206.8841,

■ 0.0000, 0.0000,

223.8501, 243.0088

0.0000

250.9764,
271.0862, 294.3420

■ 31.5679, 34.9935,
37.8915

■ 31.5679, 34.9935,
37.8915

■ 28.4541, 33.4321,
35.8108

■ 35.1122, 36.7773,
40.0631

■ 25.7503, 32.0796,
33.8173

■ 39.1005, 38.7874,
42.3247

■ 23.4392, 30.9279,
31.9100

■ 43.5492, 41.0332,
44.6786

■ 21.5004, 29.9668,
30.0873

■ 48.4730, 43.5225,
47.1261

■ 19.9122, 29.1849,
28.3475

■ 53.8860, 46.2623,
49.6685

■ 18.6504, 28.5698,
26.6887

■ 59.8018, 49.2598,
52.3072

■ 17.6874, 28.1074,
25.1087

■ 63.5713, 51.1491,
54.9187

■ 16.9913, 27.7811,
23.6055

■ 64.0521, 51.3414,
57.4503

■ 16.4959, 27.5568,
22.1750

■ 64.5471, 51.5395,
60.0572

Harmonies

Analogous

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



31.8270, 34.9935, 35.5145



31.5679, 34.9935, 37.8915



31.7555, 34.9935, 40.4310

Triad

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



31.5679, 34.9935, 37.8915



34.0639, 34.9935, 42.6478



34.1936, 34.9935, 34.0866

Complementary

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



31.5679, 34.9935, 37.8915



31.3629, 31.2341, 34.0831

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.



34.8118, 34.9935, 35.8642



31.5679, 34.9935, 37.8915



34.7360, 34.9935, 40.8121

Square

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



31.5679, 34.9935, 37.8915



33.1867, 34.9935, 43.2492



35.0121, 34.9935, 38.3132



33.3340, 34.9935, 33.3802

Rectangle

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



31.5679, 34.9935, 37.8915



32.1106, 34.9935, 41.8614



35.0121, 34.9935, 38.3132



34.4371, 34.9935, 34.5746

Sweetspot

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



31.5689, 34.9950, 37.8923



60.3433, 64.5850, 70.2298



31.4393, 35.0336, 33.1225



13.4398, 14.4487, 15.7045



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



31.5689, 34.9950, 37.8923



55.3585, 62.0794, 67.1005



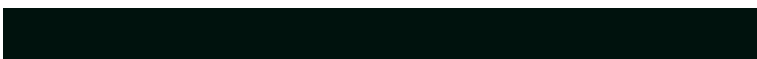
31.3522, 33.9966, 39.5617



7.1951, 7.9788, 8.6390



12.8103, 21.4105, 17.2496



0.2871, 0.4571, 0.4568

Inverse Universe

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



31.3629, 31.2341, 34.0831



54.9155, 53.9903, 58.9078



31.5575, 32.1394, 32.5576



7.1478, 7.1156, 7.7646



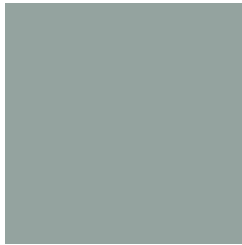
12.1014, 6.1966, 2.4585



0.2727, 0.1376, 0.1489

Previews

White Background



This preview shows how the XYZ color 31.5679, 34.9935, 37.8915 looks on a white background.

Color Contrast Check

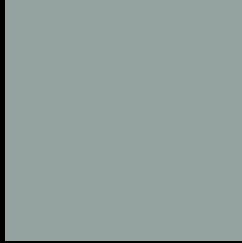
Large Text (above 18pt) WCAG AA × Fail

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 31.5679, 34.9935, 37.8915 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

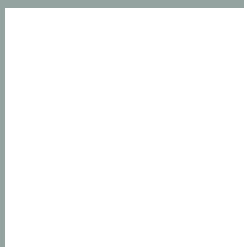
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5679, 34.9935, 37.8915

Background



This preview shows how black text looks on a background with the XYZ color 31.5679, 34.9935, 37.8915.

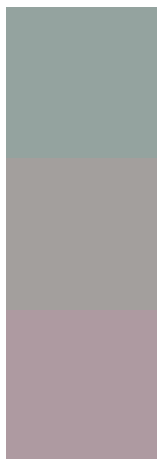


This preview shows how white text looks on a background with the XYZ color 31.5679, 34.9935,

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

31.5679, 34.9935, 37.8915

Protanopia

33.5882, 35.0171, 36.8870

Deuteranopia

35.4442, 34.6831, 38.5446



Tritanopia

32.9625, 35.0298, 45.0685

Trichromacy



Original Color

31.5679, 34.9935, 37.8915

Protanomaly

32.8429, 34.8793, 37.3491

Deuteranomaly

33.9192, 34.6513, 38.1583

Tritanomaly

32.4762, 35.0948, 42.5984

Monochromacy



Original Color

31.5679, 34.9935, 37.8915

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.0688, 34.4803, 37.3129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5679, 34.9935, 37.8915 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(148, 163, 159) looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 159)  
}
```

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(148, 163, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 159) }
```

Border

The CSS property to change the border of an element to XYZ 31.5679, 34.9935, 37.8915 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(148, 163, 159) }
```


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

```
.border{ border-color:rgb(148, 163, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 163, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 159);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5679, 34.9935, 37.8915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 163, 159) }
```

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

```
.background{ background-color: rgb(148,  
163, 159) }
```

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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