

Converting Colors

XYZ(34.0751, 37.1730, 43.8343)

Have a look what the booklet for
XYZ(34.0751, 37.1730, 43.8343)
contains.

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Color

**XYZ(34.1183, 37.2531,
43.9204)**

Conversions

Conversions Part 1

Format	Color
Hex	98A7AB
RGB	152, 167, 171
RGB Percent	60%, 65%, 67%
CMY	0.4039, 0.3451, 0.3294
CMYK	0.11, 0.02, 0.00, 0.33
HSL	193°, 10%, 63%
HSV	193°, 11%, 67%
XYZ	34.1183, 37.2531, 43.9204
YIQ	162.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

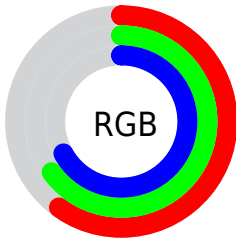
Format	Color
RYB	152, 160, 171
Decimal	10004395
CIELab	67.47, -4.42, -3.87
CIElCh	67, 5.874, 221.165
Yxy	37.2531, 0.2959, 0.3231
Android (android.graphics.Color)	4288194475 (0xFF98A7AB)
YUV	162.9710, 3.9583, -9.6216
Hunter-Lab	61.0353, -7.0316, 0.0602

Details

The XYZ color **34.1183, 37.2531, 43.9204** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3508, 34.7017, 34.5941**, and the grayscale version is **34.7853, 36.5969, 39.8540**.

A 20% lighter version of the original color is **65.3023, 70.8554, 82.1862**, and **14.8273, 16.3601, 19.8291** is the 20% darker color. If you saturate the color by 10%, you get **30.4960, 34.4218, 43.5654**, and if you desaturate by 10%, it is **38.2226, 40.3621, 44.3048**.

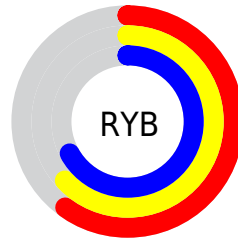
Distribution



Red (60%)

Green (65%)

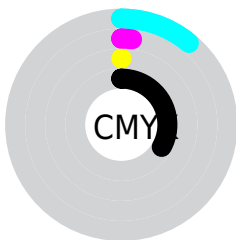
Blue (67%)



Red (60%)

Yellow (63%)

Blue (67%)

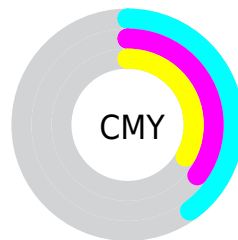


Cyan (11%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (40%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1183, 37.2531, 43.9204 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 34.1183, 37.2531, 43.9204 by changing the saturation by 10% instead.

■ 34.1183, 37.2531,
43.9204

■ 34.1183, 37.2531,
43.9204

312.2359,
334.4050, 378.4152

■ 23.1478, 25.4035,
30.2712

■ 65.4607, 70.9619,
82.3991

■ 14.8240, 16.3779,
19.7907

■ 86.5632, 93.5899,
108.0658

■ 8.7815, 9.7920,
12.0605

111.7739,
120.5794, 138.5753

■ 4.6549, 5.2613,
6.6618

141.4580,
152.3150, 174.3463

■ 2.0789, 2.4014,
3.1763

175.9809,
189.1810, 215.7972

■ 0.6777, 0.8266,
1.1853

215.7079,

■ 0.0000, 0.0000,

231.5617, 263.3466

0.0000

261.0045,
279.8416, 317.4131

■ 34.1183, 37.2531,
43.9204

■ 34.1183, 37.2531,
43.9204

■ 30.4960, 34.4218,
43.5654

■ 38.2226, 40.3621,
44.3048

■ 27.3326, 31.8531,
43.2363

■ 42.8241, 43.7539,
44.7169

■ 24.6080, 29.5374,
42.9329

■ 47.9418, 47.4394,
45.1586

■ 22.2993, 27.4626,
42.6542

■ 53.5921, 51.4273,
45.6305

■ 20.3812, 25.6156,
42.3987

■ 59.7912, 55.7263,
46.1336

■ 18.8261, 23.9818,
42.1653

■ 66.5542, 60.3442,
46.6685

■ 17.6020, 22.5445,
41.9524

■ 67.4818, 61.9823,
46.9358

■ 16.6714, 21.2841,
41.7582

■ 68.2825, 63.5837,
47.2027

■ 16.0180, 20.2747,
41.5978

■ 69.1027, 65.2240,
47.4760

Harmonies

Analogous

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



33.7335, 37.2531, 41.5317



34.1183, 37.2531, 43.9204



34.8510, 37.2531, 45.4473

Triad

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



34.1183, 37.2531, 43.9204



37.0749, 37.2531, 42.1871



35.0732, 37.2531, 35.8818

Complementary

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



34.1183, 37.2531, 43.9204



34.3508, 34.7017, 34.5941

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.



35.9708, 37.2531, 36.0405



34.1183, 37.2531, 43.9204



37.1369, 37.2531, 39.6080

Square

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



34.1183, 37.2531, 43.9204



36.5619, 37.2531, 44.4176



36.7297, 37.2531, 37.3799



34.2786, 37.2531, 36.9368

Rectangle

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



34.1183, 37.2531, 43.9204



35.4432, 37.2531, 45.7337



36.7297, 37.2531, 37.3799



35.3727, 37.2531, 35.7962

Sweetspot

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



34.1194, 37.2547, 43.9212



66.9576, 71.1652, 79.2091



33.4963, 38.1954, 36.9714



14.7975, 15.7692, 17.6515



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.



34.1194, 37.2547, 43.9212



59.6595, 65.6047, 78.5205



32.4760, 33.9679, 43.3734



8.0911, 8.7817, 10.2213



12.1139, 15.3617, 31.3711



0.3724, 0.4982, 0.8845

Inverse Universe

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



34.9987, 33.9052, 41.2607



61.5168, 58.5967, 72.8861



35.9720, 37.9442, 35.1345



8.2638, 8.1188, 9.7000



15.9782, 7.8538, 18.0624



0.4624, 0.2256, 0.5967

Previews

White Background



This preview shows how the XYZ color 34.1183, 37.2531, 43.9204 looks on a white background.

Color Contrast Check

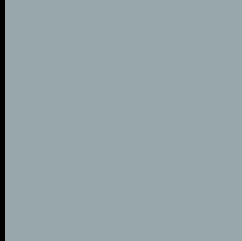
Large Text (above 18pt) WCAG AA × Fail

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 34.1183, 37.2531, 43.9204 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

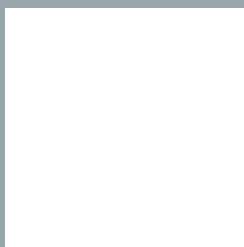
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1183, 37.2531, 43.9204

Background



This preview shows how black text looks on a background with the XYZ color 34.1183, 37.2531, 43.9204.



This preview shows how white text looks on a background with the XYZ color 34.1183, 37.2531,

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

34.1183, 37.2531, 43.9204

Protanopia

35.9845, 37.1659, 42.8133

Deuteranopia

37.8455, 37.0435, 44.6906



Tritanopia

34.9098, 37.2994, 48.0074

Trichromacy



Original Color

34.1183, 37.2531, 43.9204

Protanomaly

35.2291, 37.0303, 43.3210

Deuteranomaly

36.3031, 37.0347, 44.2648

Tritanomaly

34.6096, 37.1793, 46.4265

Monochromacy



Original Color

34.1183, 37.2531, 43.9204

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.4565, 36.6750, 41.3393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1183, 37.2531, 43.9204 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(152, 167, 171)` looks like.

```
.text, #text, p{  
    color:rgb(152, 167, 171)  
}
```

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(152, 167, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 167, 171) }
```

Border

The CSS property to change the border of an element to XYZ 34.1183, 37.2531, 43.9204 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(152, 167, 171) }
```


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

```
.border{ border-color:rgb(152, 167, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 167, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 167, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 167, 171);  
box-shadow:4px 4px 4px 4px rgb(152, 167,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1183, 37.2531, 43.9204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 167, 171) }
```

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

```
.background{ background-color: rgb(152,  
167, 171) }
```

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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