

Converting Colors

XYZ(31.4570, 34.4683, 34.4972)

Have a look what the booklet for
XYZ(31.4570, 34.4683, 34.4972)
contains.

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Color

**XYZ(31.5492, 34.5290,
34.7077)**

Conversions

Conversions Part 1

Format	Color
Hex	99A198
RGB	153, 161, 152
RGB Percent	60%, 63%, 60%
CMY	0.4000, 0.3686, 0.4039
CMYK	0.05, 0.00, 0.06, 0.37
HSL	113°, 5%, 61%
HSV	113°, 6%, 63%
XYZ	31.5492, 34.5290, 34.7077
YIQ	157.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

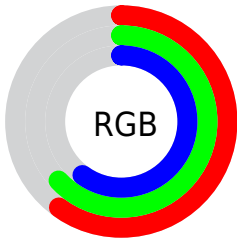
Format	Color
RYB	152, 161, 160
Decimal	10068376
CIELab	65.38, -4.58, 3.69
CIELCh	65, 5.883, 141.163
Yxy	34.5290, 0.3130, 0.3426
Android (android.graphics.Color)	4288258456 (0xFF99A198)
YUV	157.5820, -2.7519, -4.0184
Hunter-Lab	58.7614, -6.9951, 6.1130

Details

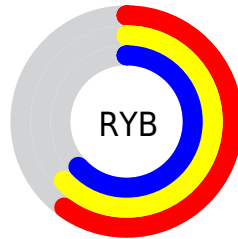
The XYZ color **31.5492, 34.5290, 34.7077** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1598, 32.5042, 38.2989**, and the grayscale version is **32.3236, 34.0069, 37.0336**.

A 20% lighter version of the original color is **61.4286, 66.8334, 68.0550**, and **13.4044, 14.9162, 14.4846** is the 20% darker color. If you saturate the color by 10%, you get **27.7779, 32.7280, 28.1087**, and if you desaturate by 10%, it is **35.8255, 36.5717, 42.2662**.

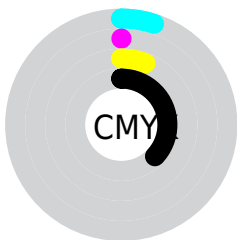
Distribution



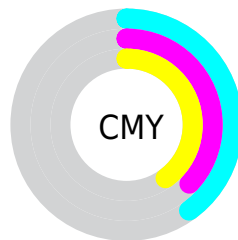
- Red (60%)
- Green (63%)
- Blue (60%)



- Red (60%)
- Yellow (63%)
- Blue (63%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5492, 34.5290, 34.7077 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 31.5492, 34.5290, 34.7077 by changing the saturation by 10% instead.

■ 31.5492, 34.5290,
34.7077

■ 31.5492, 34.5290,
34.7077

300.8425,
322.4845, 338.1412

■ 21.1713, 23.3003,
23.1561

■ 61.4737, 66.7555,
68.1791

■ 13.3624, 14.8154,
14.5024

■ 81.7510, 88.5220,
90.9360

■ 7.7573, 8.6899,
8.3282

106.0587,
114.5700, 118.2650

■ 3.9905, 4.5395,
4.2149

134.7623,
145.2837, 150.5847

■ 1.6968, 1.9797,
1.7440

168.2272,
181.0476, 188.3136

■ 0.4543, 0.5956,
0.3906

206.8186,

■ 0.0000, 0.0000,

222.2461, 231.8703

0.0000

250.9019,
269.2636, 281.6734

■ 31.5492, 34.5290,
34.7077

■ 31.5492, 34.5290,
34.7077

■ 27.7779, 32.7280,
28.1087

■ 35.8255, 36.5717,
42.2662

■ 24.4902, 31.1554,
22.4287

■ 40.6216, 38.8598,
50.8182

■ 21.6673, 29.8035,
17.6276

■ 45.9551, 41.4028,
60.3985

■ 19.2882, 28.6623,
13.6616

■ 51.8421, 44.2082,
71.0397

■ 17.3300, 27.7212,
10.4829

■ 58.2979, 47.2833,
82.7731

■ 15.7681, 26.9685,
8.0391

■ 65.3372, 50.6350,
95.6285

■ 14.5751, 26.3914,
6.2714

■ 71.3720, 53.6290,
101.1975

■ 13.7201, 25.9754,
5.1117

■ 72.0355, 53.9710,
101.2285

■ 13.1656, 25.7031,
4.4711

Harmonies

Analogous

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



32.2262, 34.5290, 33.3560



31.5492, 34.5290, 34.7077



31.2139, 34.5290, 36.8744

Triad

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



31.5492, 34.5290, 34.7077



32.5658, 34.5290, 42.4658



34.3830, 34.5290, 35.9145

Complementary

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



31.5492, 34.5290, 34.7077



32.1598, 32.5042, 38.2989

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.



34.4777, 34.5290, 38.3274



31.5492, 34.5290, 34.7077



33.4186, 34.5290, 42.1813

Square

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



31.5492, 34.5290, 34.7077



31.7941, 34.5290, 41.4017



34.1220, 34.5290, 40.6407



33.8653, 34.5290, 34.0313

Rectangle

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



31.5492, 34.5290, 34.7077



31.2252, 34.5290, 38.5193



34.1220, 34.5290, 40.6407



34.4657, 34.5290, 36.6880

Sweetspot

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



31.5502, 34.5305, 34.7085



59.1170, 63.0874, 66.7670



32.9290, 34.9700, 34.7206



12.9851, 13.8455, 14.6781



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



31.5502, 34.5305, 34.7085



55.4027, 61.3135, 60.2267



31.6491, 34.5483, 36.2102



7.2241, 8.0116, 7.8352



10.3951, 20.4693, 3.4031



0.2387, 0.4406, 0.0725

Inverse Universe

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



32.1598, 32.5042, 38.2989



56.7809, 56.7323, 68.3443



32.0602, 32.4876, 36.7273



7.4114, 7.3889, 8.9386



14.2229, 6.7387, 27.4808



0.3194, 0.1522, 0.5784

Previews

White Background



This preview shows how the XYZ color 31.5492, 34.5290, 34.7077 looks on a white background.

Color Contrast Check

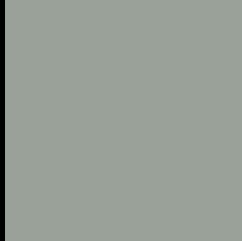
Large Text (above 18pt) WCAG AA × Fail

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 31.5492, 34.5290, 34.7077 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

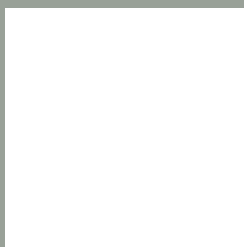
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5492, 34.5290, 34.7077

Background



This preview shows how black text looks on a background with the XYZ color 31.5492, 34.5290, 34.7077.



This preview shows how white text looks on a background with the XYZ color 31.5492, 34.5290,

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

31.5492, 34.5290, 34.7077

Protanopia

32.8361, 34.4423, 33.7715

Deuteranopia

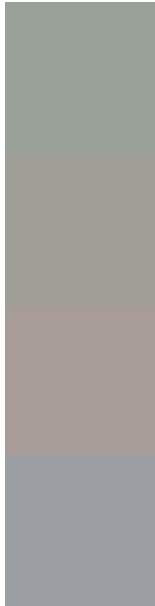
35.1285, 34.3457, 35.3498



Tritanopia

33.2878, 34.4619, 43.4254

Trichromacy



Original Color

31.5492, 34.5290, 34.7077

Protanomaly

32.2821, 34.4016, 34.2169

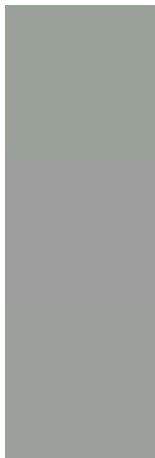
Deuteranomaly

33.7867, 34.4017, 34.9964

Tritanomaly

32.6165, 34.4452, 40.0515

Monochromacy



Original Color

31.5492, 34.5290, 34.7077

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.1092, 34.2645, 36.3739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5492, 34.5290, 34.7077 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(153, 161, 152)` looks like.

```
.text, #text, p{  
    color:rgb(153, 161, 152)  
}
```

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(153, 161, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 161, 152) }
```

Border

The CSS property to change the border of an element to XYZ 31.5492, 34.5290, 34.7077 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(153, 161, 152) }
```


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

```
.border{ border-color:rgb(153, 161, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 161, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 161, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 161, 152);  
box-shadow:4px 4px 4px 4px rgb(153, 161,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5492, 34.5290, 34.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 161, 152) }
```

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

```
.background{ background-color: rgb(153,  
161, 152) }
```

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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