

Converting Colors

XYZ(31.1065, 34.4024, 31.4898)

Have a look what the booklet for
XYZ(31.1065, 34.4024, 31.4898)
contains.

XYZ(31.1053, 34.3734, 31.3809)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.1053, 34.3734,
31.3809)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA190
RGB	154, 161, 144
RGB Percent	60%, 63%, 56%
CMY	0.3961, 0.3686, 0.4353
CMYK	0.04, 0.00, 0.11, 0.37
HSL	85°, 8%, 60%
HSV	85°, 11%, 63%
XYZ	31.1053, 34.3734, 31.3809
YIQ	156.9690, 1.2850, -6.7710

Conversions

Conversions Part 2

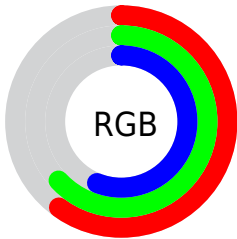
Format	Color
RYB	144, 161, 151
Decimal	10133904
CIELab	65.26, -5.69, 7.99
CIELCh	65, 9.808, 125.436
Yxy	34.3734, 0.3211, 0.3549
Android (android.graphics.Color)	4288323984 (0xFF9AA190)
YUV	156.9690, -6.3937, -2.6038
Hunter-Lab	58.6288, -7.8980, 9.3054

Details

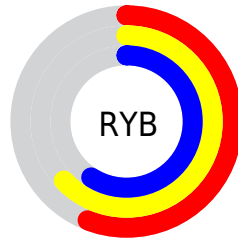
The XYZ color **31.1053, 34.3734, 31.3809** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.1703, 29.1001, 37.7995**, and the grayscale version is **32.0621, 33.7318, 36.7340**.

A 20% lighter version of the original color is **60.7613, 66.5988, 63.0785**, and **13.1898, 14.8436, 12.7596** is the 20% darker color. If you saturate the color by 10%, you get **28.7342, 33.2842, 25.2980**, and if you desaturate by 10%, it is **33.7236, 35.5717, 38.3930**.

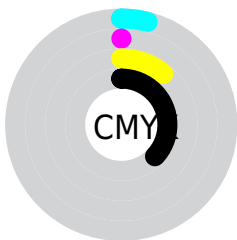
Distribution



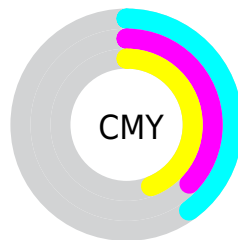
- Red (60%)
- Green (63%)
- Blue (56%)



- Red (56%)
- Yellow (63%)
- Blue (59%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (37%)



- Cyan (40%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1053, 34.3734, 31.3809 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 31.1053, 34.3734, 31.3809 by changing the saturation by 10% instead.

■ 31.1053, 34.3734,
31.3809

■ 31.1053, 34.3734,
31.3809

298.8414,
321.7938, 322.6947

■ 20.8313, 23.1806,
20.6282

■ 60.7805, 66.5139,
62.9259

■ 13.1125, 14.7269,
12.6639

■ 80.9124, 88.2304,
84.5552

■ 7.5836, 8.6280,
7.0695

105.0610,
114.2236, 110.6471

■ 3.8792, 4.4993,
3.4265

133.5916,
144.8779, 141.6201

■ 1.6340, 1.9566,
1.3163

166.8696,
180.5777, 177.8929

■ 0.4144, 0.5821,
0.0751

205.2603,

■ 0.0000, 0.0000,

221.7073, 219.8839

0.0000

249.1291,
268.6513, 268.0116

■ 31.1053, 34.3734,
31.3809

■ 31.1053, 34.3734,
31.3809

■ 28.7342, 33.2842,
25.2980

■ 33.7236, 35.5717,
38.3930

■ 26.5989, 32.2962,
20.1030

■ 36.5943, 36.8781,
46.3687

■ 24.6913, 31.4071,
15.7549

■ 39.7260, 38.2971,
55.3434

■ 23.0018, 30.6129,
12.2087

■ 43.1260, 39.8319,
65.3501

■ 21.5197, 29.9091,
9.4150

■ 46.8013, 41.4854,
76.4203

■ 20.2334, 29.2911,
7.3190

■ 50.7585, 43.2602,
88.5839

■ 19.1298, 28.7533,
5.8587

■ 54.7284, 45.0490,
100.4186

■ 18.1939, 28.2897,
4.9609

■ 56.5434, 45.9846,
100.5035

■ 17.4322, 27.9072,
4.4679

■ 58.4362, 46.9604,
100.5921

Harmonies

Analogous

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



32.4116, 34.3734, 30.1346



31.1053, 34.3734, 31.3809



30.2377, 34.3734, 34.2534

Triad

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



31.1053, 34.3734, 31.3809



31.5432, 34.3734, 45.0405



35.4800, 34.3734, 36.6871

Complementary

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



31.1053, 34.3734, 31.3809



29.1703, 29.1001, 37.7995

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.



35.2312, 34.3734, 40.7904



31.1053, 34.3734, 31.3809



32.9316, 34.3734, 45.8097

Square

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



31.1053, 34.3734, 31.3809



30.4853, 34.3734, 42.1716



34.2881, 34.3734, 44.2032



34.9585, 34.3734, 33.0520

Rectangle

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



31.1053, 34.3734, 31.3809



30.0107, 34.3734, 36.8048



34.2881, 34.3734, 44.2032



35.4838, 34.3734, 38.0557

Sweetspot

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



31.1062, 34.3749, 31.3816



59.1810, 63.1494, 65.4618



30.7677, 31.6608, 30.8756



12.8977, 13.8123, 14.1365



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.



31.1062, 34.3749, 31.3816



54.5231, 61.0166, 53.1147



29.5808, 33.5885, 31.3103



7.3659, 8.0911, 7.5536



13.9689, 22.3117, 3.5704



0.3453, 0.4955, 0.0774

Inverse Universe

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



29.1703, 29.1001, 37.7995



50.2534, 49.3828, 67.2697



30.7652, 29.9223, 37.8742



6.9639, 6.9958, 8.8863



6.9936, 3.0118, 27.1425



0.2000, 0.0906, 0.5728

Previews

White Background



This preview shows how the XYZ color 31.1053, 34.3734, 31.3809 looks on a white background.

Color Contrast Check

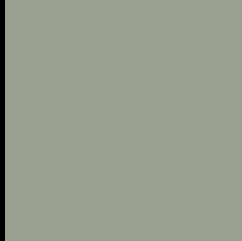
Large Text (above 18pt) WCAG AA × Fail

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 31.1053, 34.3734, 31.3809 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

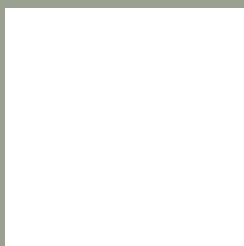
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.1053, 34.3734, 31.3809

Background



This preview shows how black text looks on a background with the XYZ color 31.1053, 34.3734, 31.3809.



This preview shows how white text looks on a background with the XYZ color 31.1053, 34.3734,

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

31.1053, 34.3734, 31.3809

Protanopia

32.6264, 34.4060, 30.5126

Deuteranopia

34.9396, 34.3228, 31.9776



Tritanopia

33.4132, 34.2853, 42.8869

Trichromacy



Original Color

31.1053, 34.3734, 31.3809

Protanomaly

32.0540, 34.3565, 30.9286

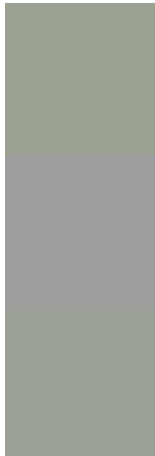
Deuteranomaly

33.3615, 34.2563, 31.6418

Tritanomaly

32.5645, 34.1950, 38.6022

Monochromacy



Original Color

31.1053, 34.3734, 31.3809

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.6047, 33.7886, 34.5619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1053, 34.3734, 31.3809 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, 161, 144)` looks like.

```
.text, #text, p{  
    color:rgb(154, 161, 144)  
}
```

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, 161, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 161, 144) }
```

Border

The CSS property to change the border of an element to XYZ 31.1053, 34.3734, 31.3809 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, 161, 144) }
```


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

```
.border{ border-color:rgb(154, 161, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 161, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 161, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 161, 144); box-shadow:4px 4px 4px 4px rgb(154, 161, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1053, 34.3734, 31.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 161, 144) }
```

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

```
.background{ background-color: rgb(154,  
161, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor