

Converting Colors

XYZ(31.5598, 35.4041, 31.1569)

Have a look what the booklet for
XYZ(31.5598, 35.4041, 31.1569)
contains.

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Color

**XYZ(31.5598, 35.4041,
31.1569)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9AA48F |
| RGB | 154, 164, 143 |
| RGB Percent | 60%, 64%, 56% |
| CMY | 0.3961, 0.3568, 0.4392 |
| CMYK | 0.06, 0.00, 0.13, 0.36 |
| HSL | 89°, 10%, 60% |
| HSV | 89°, 13%, 64% |
| XYZ | 31.5598, 35.4041, 31.1569 |
| YIQ | 158.6160, 0.7810, -8.6510 |

Conversions

Conversions Part 2

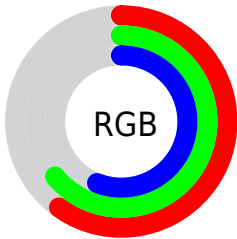
| Format | Color |
|-------------------------------------|---|
| RYB | 143, 164, 153 |
| Decimal | 10134671 |
| CIELab | 66.06, -7.48, 9.69 |
| CIElCh | 66, 12.245, 127.668 |
| Yxy | 35.4041, 0.3216, 0.3608 |
| Android (android.graphics.Color) | 4288324751 (0xFF9AA48F) |
| YUV | 158.6160, -7.6987, -4.0482 |
| Hunter-Lab | 59.5013, -9.4501, 10.6047 |

Details

The XYZ color **31.5598, 35.4041, 31.1569** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6616, 29.0985, 39.1771**, and the grayscale version is **32.8139, 34.5228, 37.5953**.

A 20% lighter version of the original color is **61.4220, 68.1042, 62.7315**, and **13.3635, 15.2622, 12.5975** is the 20% darker color. If you saturate the color by 10%, you get **28.9688, 34.2026, 25.0175**, and if you desaturate by 10%, it is **34.4312, 36.7312, 38.2591**.

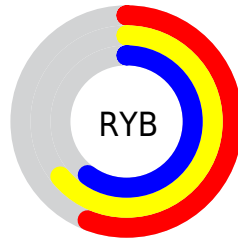
Distribution



Red (60%)

Green (64%)

Blue (56%)



Red (56%)

Yellow (64%)

Blue (60%)

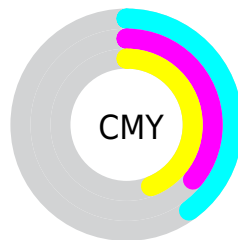


Cyan (6%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (40%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5598, 35.4041, 31.1569 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 31.5598, 35.4041, 31.1569 by changing the saturation by 10% instead.

■ 31.5598, 35.4041,
31.1569

■ 31.5598, 35.4041,
31.1569

300.8901,
326.3484, 321.6341

■ 21.1794, 23.9743,
20.4589

■ 61.4902, 68.1113,
62.5695

■ 13.3684, 15.3146,
12.5417

■ 81.7710, 90.1575,
84.1211

■ 7.7615, 9.0405,
6.9867

106.0825,
116.5114, 110.1277

■ 3.9932, 4.7676,
3.3755

134.7903,
147.5572, 141.0078

■ 1.6983, 2.1115,
1.2894

168.2595,
183.6794, 177.1800

■ 0.4552, 0.6711,
0.0531

206.8557,

■ 0.0000, 0.0000,

225.2624, 219.0627

0.0000

250.9441,
272.6906, 267.0746

■ 31.5598, 35.4041,
31.1569

■ 31.5598, 35.4041,
31.1569

■ 28.9688, 34.2026,
25.0175

■ 34.4312, 36.7312,
38.2591

■ 26.6455, 33.1181,
19.7972

■ 37.5893, 38.1832,
46.3606

■ 24.5807, 32.1477,
15.4523

■ 41.0436, 39.7653,
55.4991

■ 22.7634, 31.2868,
11.9346

■ 44.8026, 41.4810,
65.7094

■ 21.1814, 30.5303,
9.1914

■ 48.8740, 43.3337,
77.0248

■ 19.8216, 29.8728,
7.1637

■ 53.2657, 45.3266,
89.4771

■ 18.6690, 29.3080,
5.7842

■ 57.5300, 47.2809,
100.7017

■ 17.7062, 28.8286,
4.9726

■ 59.7902, 48.4461,
100.8075

■ 17.1040, 28.5256,
4.6045

■ 62.1602, 49.6679,
100.9184

Harmonies

Analogous

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



33.1864, 35.4041, 29.4563



31.5598, 35.4041, 31.1569



30.5203, 35.4041, 34.8697

Triad

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



31.5598, 35.4041, 31.1569



32.3400, 35.4041, 48.5680



37.2342, 35.4041, 37.2289

Complementary

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



31.5598, 35.4041, 31.1569



29.6616, 29.0985, 39.1771

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.



36.9878, 35.4041, 42.4785



31.5598, 35.4041, 31.1569



34.1190, 35.4041, 49.3433

Square

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



31.5598, 35.4041, 31.1569



30.9593, 35.4041, 44.9944



35.8316, 35.4041, 47.0267



36.4933, 35.4041, 32.7506

Rectangle

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



31.5598, 35.4041, 31.1569



30.2781, 35.4041, 38.1433



35.8316, 35.4041, 47.0267



37.2646, 35.4041, 38.9577

Sweetspot

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



31.5608, 35.4056, 31.1577



61.8054, 66.3519, 67.7081



31.6276, 32.5940, 30.6114



13.4267, 14.4666, 14.5888



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.



31.5608, 35.4056, 31.1577



56.0738, 63.7028, 53.6344



29.6837, 34.4380, 31.0698



7.3229, 8.0690, 7.5516



13.1692, 21.8995, 3.5329



0.3309, 0.4881, 0.0768

Inverse Universe

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



29.6616, 29.0985, 39.1771



52.0292, 50.2706, 70.7133



31.6904, 30.1444, 39.2720



7.0063, 7.0176, 8.8883



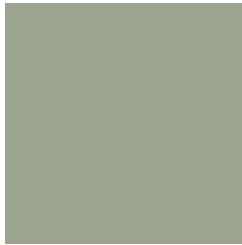
7.6083, 3.3287, 27.1713



0.2144, 0.0980, 0.5735

Previews

White Background



This preview shows how the XYZ color 31.5598, 35.4041, 31.1569 looks on a white background.

Color Contrast Check

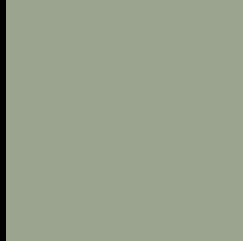
Large Text (above 18pt) WCAG AA × Fail

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 31.5598, 35.4041, 31.1569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

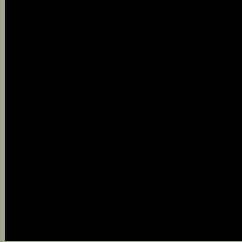
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.5598, 35.4041, 31.1569

Background



This preview shows how black text looks on a background with the XYZ color 31.5598, 35.4041, 31.1569.



This preview shows how white text looks on a background with the XYZ color 31.5598, 35.4041,

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

31.5598, 35.4041, 31.1569

Protanopia

33.5270, 35.3895, 30.2631

Deuteranopia

36.1236, 35.4321, 31.7232



Tritanopia

34.1178, 35.3893, 44.0623

Trichromacy



Original Color

31.5598, 35.4041, 31.1569

Protanomaly

32.7316, 35.2293, 30.6660

Deuteranomaly

34.2742, 35.2380, 31.3807

Tritanomaly

33.0825, 35.2310, 38.7748

Monochromacy



Original Color

31.5598, 35.4041, 31.1569

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.3993, 34.9577, 35.1769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5598, 35.4041, 31.1569 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, 164, 143)` looks like.

```
.text, #text, p{  
    color:rgb(154, 164, 143)  
}
```

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, 164, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 164, 143) }
```

Border

The CSS property to change the border of an element to XYZ 31.5598, 35.4041, 31.1569 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, 164, 143) }
```


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

```
.border{ border-color:rgb(154, 164, 143) }
```

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

Here you see how a box with a 4 pixel rgb(154, 164, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 164, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 164, 143);  
box-shadow:4px 4px 4px 4px rgb(154, 164,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5598, 35.4041, 31.1569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 164, 143) }
```

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

```
.background{ background-color: rgb(154,  
164, 143) }
```

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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