

Converting Colors

XYZ(32.0132, 34.4850, 35.7551)

Have a look what the booklet for
XYZ(32.0132, 34.4850, 35.7551)
contains.

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Color

**XYZ(31.9211, 34.4433,
35.5376)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA09A
RGB	155, 160, 154
RGB Percent	61%, 63%, 60%
CMY	0.3922, 0.3725, 0.3961
CMYK	0.03, 0.00, 0.04, 0.37
HSL	110°, 3%, 62%
HSV	110°, 4%, 63%
XYZ	31.9211, 34.4433, 35.5376
YIQ	157.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

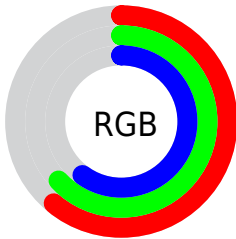
Format	Color
RYB	154, 160, 159
Decimal	10199194
CIELab	65.31, -2.94, 2.49
CIELCh	65, 3.853, 139.678
Yxy	34.4433, 0.3133, 0.3380
Android (android.graphics.Color)	4288389274 (0xFF9BA09A)
YUV	157.8210, -1.8838, -2.4740
Hunter-Lab	58.6884, -5.6171, 5.1800

Details

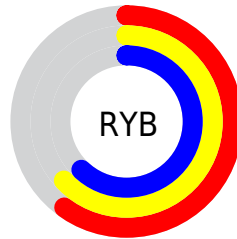
The XYZ color **31.9211, 34.4433, 35.5376** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2002, 33.0211, 37.9361**, and the grayscale version is **32.4277, 34.1165, 37.1528**.

A 20% lighter version of the original color is **61.9801, 66.7103, 69.2842**, and **13.6257, 14.8596, 14.9820** is the 20% darker color. If you saturate the color by 10%, you get **28.2570, 32.6992, 28.8673**, and if you desaturate by 10%, it is **36.0475, 36.4071, 43.1583**.

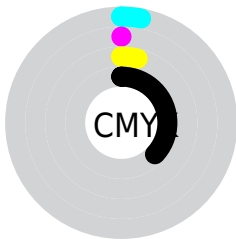
Distribution



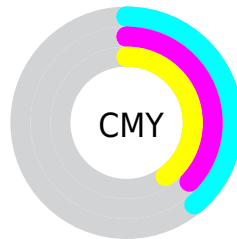
- Red (61%)
- Green (63%)
- Blue (60%)



- Red (60%)
- Yellow (63%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (37%)



- Cyan (39%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9211, 34.4433, 35.5376 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 31.9211, 34.4433, 35.5376 by changing the saturation by 10% instead.

■ 31.9211, 34.4433,
35.5376

■ 31.9211, 34.4433,
35.5376

302.5114,
322.1042, 341.9110

■ 21.4565, 23.2344,
23.7904

■ 62.0534, 66.6224,
69.4788

■ 13.5725, 14.7667,
14.9675

■ 82.4518, 88.3614,
92.5098

■ 7.9036, 8.6558,
8.6502

106.8922,
114.3792, 120.1393

■ 4.0846, 4.5174,
4.4200

135.7399,
145.0603, 152.7856

■ 1.7501, 1.9670,
1.8585

169.3604,
180.7889, 190.8674

■ 0.4873, 0.5882,
0.4661

208.1188,

■ 0.0000, 0.0000,

221.9495, 234.8032

0.0000

252.3807,
268.9264, 285.0116

■ 31.9211, 34.4433,
35.5376

■ 31.9211, 34.4433,
35.5376

■ 28.2570, 32.6992,
28.8673

■ 36.0475, 36.4071,
43.1583

■ 25.0362, 31.1630,
23.1080

■ 40.6486, 38.5934,
51.7623

■ 22.2425, 29.8281,
18.2207

■ 45.7400, 41.0104,
61.3836

■ 19.8579, 28.6861,
14.1631

■ 51.3356, 43.6647,
72.0539

■ 17.8627, 27.7279,
10.8890

■ 57.4489, 46.5625,
83.8038

■ 16.2359, 26.9439,
8.3478

■ 64.0928, 49.7098,
96.6622

■ 14.9543, 26.3231,
6.4830

■ 69.4567, 52.3833,
101.0580

■ 13.9919, 25.8537,
5.2300

■ 71.8615, 53.6230,
101.1705

■ 13.3188, 25.5219,
4.5113

Harmonies

Analogous

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



32.3751, 34.4433, 34.6663



31.9211, 34.4433, 35.5376



31.6867, 34.4433, 36.9516

Triad

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



31.9211, 34.4433, 35.5376



32.5443, 34.4433, 40.6277



33.7644, 34.4433, 36.4714

Complementary

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



31.9211, 34.4433, 35.5376



32.2002, 33.0211, 37.9361

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.



33.8110, 34.4433, 38.0596



31.9211, 34.4433, 35.5376



33.1022, 34.4433, 40.4902

Square

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



31.9211, 34.4433, 35.5376



32.0437, 34.4433, 39.9099



33.5673, 34.4433, 39.5393



33.4409, 34.4433, 35.1946

Rectangle

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



31.9211, 34.4433, 35.5376



31.6846, 34.4433, 38.0251



33.5673, 34.4433, 39.5393



33.8131, 34.4433, 36.9855

Sweetspot

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



31.9221, 34.4448, 35.5384



59.9207, 63.4724, 68.1305



32.7296, 34.6046, 35.5266



13.1511, 13.9250, 14.9598



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.



31.9221, 34.4448, 35.5384



57.0154, 62.0897, 62.7965



31.8991, 34.4135, 36.4146



6.9552, 7.5975, 7.6328



10.1640, 19.7765, 3.2815



0.2070, 0.3666, 0.0599

Inverse Universe

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



32.2002, 33.0211, 37.9361



57.6953, 58.6092, 68.6584



32.2256, 33.0543, 37.0308



7.0457, 7.1346, 8.4125



12.5527, 5.9002, 26.3845



0.2507, 0.1190, 0.4730

Previews

White Background



This preview shows how the XYZ color 31.9211, 34.4433, 35.5376 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 31.9211, 34.4433, 35.5376 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

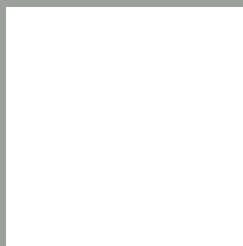
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.9211, 34.4433, 35.5376

Background



This preview shows how black text looks on a background with the XYZ color 31.9211, 34.4433, 35.5376.



This preview shows how white text looks on a background with the XYZ color 31.9211, 34.4433,

35.5376.

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

31.9211, 34.4433, 35.5376

Protanopia

33.0809, 34.5402, 35.0604

Deuteranopia

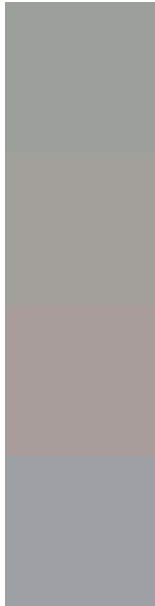
34.9868, 34.2630, 35.7798



Tritanopia

33.3872, 34.5241, 42.9343

Trichromacy



Original Color

31.9211, 34.4433, 35.5376

Protanomaly

32.6451, 34.5698, 35.0890

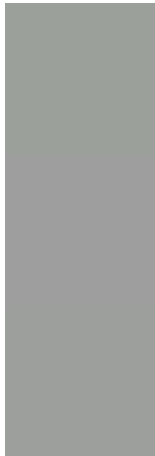
Deuteranomaly

33.9533, 34.4683, 35.8739

Tritanomaly

32.8093, 34.5445, 40.0605

Monochromacy



Original Color

31.9211, 34.4433, 35.5376

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.3886, 34.3987, 36.8308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9211, 34.4433, 35.5376 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(155, 160, 154)` looks like.

```
.text, #text, p{  
    color:rgb(155, 160, 154)  
}
```

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(155, 160, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 160, 154) }
```

Border

The CSS property to change the border of an element to XYZ 31.9211, 34.4433, 35.5376 is called "border". The border property can be set on classes, ids or directly on the HTML element.

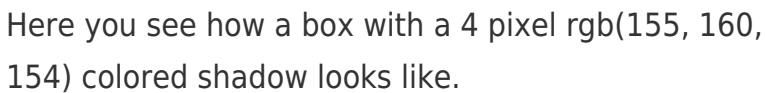
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 160, 154) }
```


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

```
.border{ border-color:rgb(155, 160, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 160, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 160, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 160, 154); box-shadow:4px 4px 4px 4px rgb(155, 160, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9211, 34.4433, 35.5376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 160, 154) }
```

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

```
.background{ background-color: rgb(155,  
160, 154) }
```

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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