

Converting Colors

XYZ(31.9072, 34.7619, 34.7334)

Have a look what the booklet for
XYZ(31.9072, 34.7619, 34.7334)
contains.

XYZ(31.9299, 34.7253, 34.7255)	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(31.9299, 34.7253,
34.7255)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA198
RGB	155, 161, 152
RGB Percent	61%, 63%, 60%
CMY	0.3922, 0.3686, 0.4039
CMYK	0.04, 0.00, 0.06, 0.37
HSL	100°, 5%, 61%
HSV	100°, 6%, 63%
XYZ	31.9299, 34.7253, 34.7255
YIQ	158.1800, -0.6870, -4.0710

Conversions

Conversions Part 2

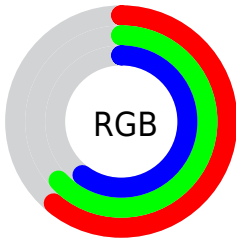
Format	Color
RYB	152, 161, 158
Decimal	10199448
CIELab	65.53, -3.86, 3.93
CIELCh	66, 5.509, 134.469
Yxy	34.7253, 0.3150, 0.3425
Android (android.graphics.Color)	4288389528 (0xFF9BA198)
YUV	158.1800, -3.0467, -2.7889
Hunter-Lab	58.9282, -6.4051, 6.3110

Details

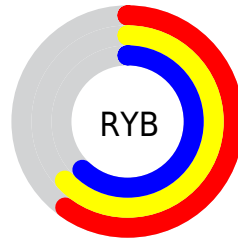
The XYZ color **31.9299, 34.7253, 34.7255** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7632, 32.2997, 38.2804**, and the grayscale version is **32.5955, 34.2930, 37.3451**.

A 20% lighter version of the original color is **61.9909, 67.1233, 68.0813**, and **13.6338, 15.0345, 14.4953** is the 20% darker color. If you saturate the color by 10%, you get **28.7304, 33.2190, 28.1532**, and if you desaturate by 10%, it is **35.4936, 36.4006, 42.2507**.

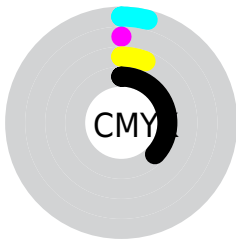
Distribution



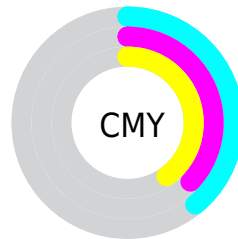
- Red (61%)
- Green (63%)
- Blue (60%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9299, 34.7253, 34.7255 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 31.9299, 34.7253, 34.7255 by changing the saturation by 10% instead.

■ 31.9299, 34.7253,
34.7255

■ 31.9299, 34.7253,
34.7255

302.5508,
323.3542, 338.2224

■ 21.4632, 23.4513,
23.1696

■ 62.0671, 67.0600,
68.2070

■ 13.5774, 14.9271,
14.5123

■ 82.4684, 88.8895,
90.9698

■ 7.9071, 8.7683,
8.3351

106.9119,
115.0064, 118.3053

■ 4.0869, 4.5903,
4.2193

135.7630,
145.7949, 150.6320

■ 1.7514, 2.0090,
1.7464

169.3871,
181.6396, 188.3686

■ 0.4881, 0.6127,
0.3922

208.1496,

■ 0.0000, 0.0000,

222.9248, 231.9335

0.0000

252.4156,
270.0348, 281.7452

■ 31.9299, 34.7253,
34.7255

■ 31.9299, 34.7253,
34.7255

■ 28.7304, 33.2190,
28.1532

■ 35.4936, 36.4006,
42.2507

■ 25.8802, 31.8720,
22.4937

■ 39.4300, 38.2456,
50.7624

■ 23.3678, 30.6802,
17.7072

■ 43.7508, 40.2665,
60.2953

■ 21.1798, 29.6376,
13.7501

■ 48.4664, 42.4681,
70.8818

■ 19.3018, 28.7378,
10.5752

■ 53.5868, 44.8547,
82.5526

■ 17.7183, 27.9739,
8.1304

■ 59.1215, 47.4307,
95.3376

■ 16.4123, 27.3385,
6.3573

■ 63.4776, 49.5593,
100.8280

■ 15.3645, 26.8231,
5.1886

■ 67.0330, 51.3922,
100.9944

■ 14.5514, 26.4176,
4.5360

■ 70.8045, 53.3365,
101.1709

Harmonies

Analogous

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



32.6190, 34.7253, 33.6668



31.9299, 34.7253, 34.7255



31.5323, 34.7253, 36.6321

Triad

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



31.9299, 34.7253, 34.7255



32.5915, 34.7253, 42.2568



34.5312, 34.7253, 36.7101

Complementary

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



31.9299, 34.7253, 34.7255



31.7632, 32.2997, 38.2804

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.



34.5236, 34.7253, 39.0128



31.9299, 34.7253, 34.7255



33.3947, 34.7253, 42.2797

Square

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



31.9299, 34.7253, 34.7255



31.9100, 34.7253, 41.0103



34.1047, 34.7253, 41.0718



34.1255, 34.7253, 34.7806

Rectangle

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



31.9299, 34.7253, 34.7255



31.4819, 34.7253, 38.1574



34.1047, 34.7253, 41.0718



34.5771, 34.7253, 37.4646

Sweetspot

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



31.9309, 34.7268, 34.7263



59.3747, 63.2203, 66.7791



32.5937, 34.2993, 34.6088



13.0384, 13.8729, 14.6806



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.



31.9309, 34.7268, 34.7263



56.2582, 61.7546, 60.2667



31.4860, 34.4831, 35.3511



7.3402, 8.0715, 7.8406



11.4182, 20.9968, 3.4510



0.2883, 0.4661, 0.0748

Inverse Universe

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



31.7632, 32.2997, 38.2804



55.8791, 56.2673, 68.3021



32.2290, 32.5550, 37.6155



7.2887, 7.3256, 8.9329



10.0592, 4.5922, 27.2860



0.2582, 0.1206, 0.5755

Previews

White Background



This preview shows how the XYZ color 31.9299, 34.7253, 34.7255 looks on a white background.

Color Contrast Check

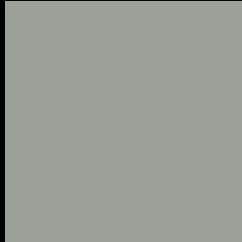
Large Text (above 18pt) WCAG AA × Fail

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 31.9299, 34.7253, 34.7255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

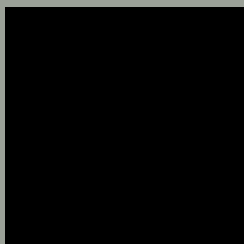
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

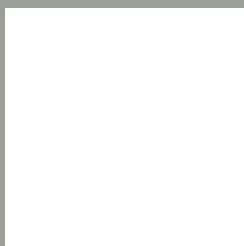
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.9299, 34.7253, 34.7255

Background



This preview shows how black text looks on a background with the XYZ color 31.9299, 34.7253, 34.7255.



This preview shows how white text looks on a background with the XYZ color 31.9299, 34.7253, 34.7255.

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

31.9299, 34.7253, 34.7255

Protanopia

33.1226, 34.5806, 34.2071

Deuteranopia

35.2099, 34.6412, 34.9677



Tritanopia

33.6781, 34.6631, 43.4437

Trichromacy



Original Color

31.9299, 34.7253, 34.7255

Protanomaly

32.6820, 34.6077, 34.2356

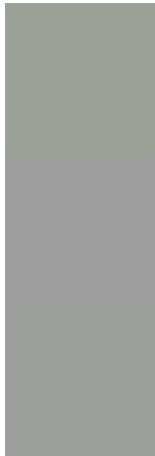
Deuteranomaly

33.9552, 34.7387, 35.0526

Tritanomaly

33.0036, 34.6447, 40.0696

Monochromacy



Original Color

31.9299, 34.7253, 34.7255

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.3035, 34.3647, 36.3830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9299, 34.7253, 34.7255 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, 161, 152)` looks like.

```
.text, #text, p{  
    color:rgb(155, 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(155, 161, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 161, 152) }
```

Border

The CSS property to change the border of an element to XYZ 31.9299, 34.7253, 34.7255 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, 161, 152) }
```


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

```
.border{ border-color:rgb(155, 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(155, 161, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 161, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 161, 152);  
box-shadow:4px 4px 4px 4px rgb(155, 161,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9299, 34.7253, 34.7255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 161, 152) }
```

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

```
.background{ background-color: rgb(155,  
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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