

Converting Colors

XYZ(32.1417, 35.4651, 34.1040)

Have a look what the booklet for
XYZ(32.1417, 35.4651, 34.1040)
contains.

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Color

**XYZ(32.1198, 35.3650,
33.9874)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA396
RGB	155, 163, 150
RGB Percent	61%, 64%, 59%
CMY	0.3922, 0.3608, 0.4118
CMYK	0.05, 0.00, 0.08, 0.36
HSL	97°, 7%, 61%
HSV	97°, 8%, 64%
XYZ	32.1198, 35.3650, 33.9874
YIQ	159.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

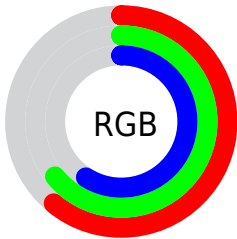
Format	Color
RYB	150, 163, 158
Decimal	10199958
CIELab	66.03, -5.32, 5.76
CIELCh	66, 7.842, 132.685
Yxy	35.3650, 0.3165, 0.3485
Android (android.graphics.Color)	4288390038 (0xFF9BA396)
YUV	159.1260, -4.4991, -3.6185
Hunter-Lab	59.4685, -7.6594, 7.7425

Details

The XYZ color **32.1198, 35.3650, 33.9874** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6192, 31.7271, 39.1097**, and the grayscale version is **33.0333, 34.7536, 37.8466**.

A 20% lighter version of the original color is **62.2650, 68.0578, 66.9815**, and **13.6455, 15.2128, 14.0215** is the 20% darker color. If you saturate the color by 10%, you get **29.0516, 33.9256, 27.4621**, and if you desaturate by 10%, it is **35.5326, 36.9630, 41.4835**.

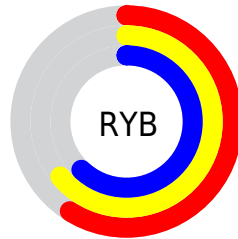
Distribution



Red (61%)

Green (64%)

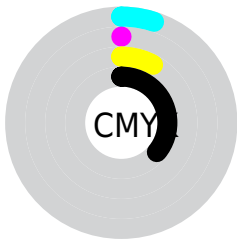
Blue (59%)



Red (59%)

Yellow (64%)

Blue (62%)

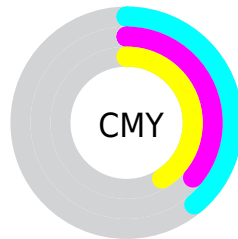


Cyan (5%)

Magenta (0%)

Yellow (8%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1198, 35.3650, 33.9874 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 32.1198, 35.3650, 33.9874 by changing the saturation by 10% instead.

■ 32.1198, 35.3650,
33.9874

■ 32.1198, 35.3650,
33.9874

303.4002,
326.1765, 334.8433

■ 21.6090, 23.9442,
22.6066

■ 62.3628, 68.0508,
67.0477

■ 13.6849, 15.2922,
14.1008

■ 82.8257, 90.0846,
89.5644

■ 7.9821, 9.0247,
8.0512

107.3367,
116.4249, 116.6301

■ 4.1352, 4.7573,
4.0395

136.2611,
147.4559, 148.6634

■ 1.7789, 2.1056,
1.6470

169.9643,
183.5622, 186.0828

■ 0.5049, 0.6678,
0.3241

208.8116,

■ 0.0000, 0.0000,

225.1282, 229.3069

0.0000

253.1685,
272.5381, 278.7543

■ 32.1198, 35.3650,
33.9874

■ 32.1198, 35.3650,
33.9874

■ 29.0516, 33.9256,
27.4621

■ 35.5326, 36.9630,
41.4835

■ 26.3137, 32.6351,
21.8657

■ 39.2979, 38.7198,
49.9853

■ 23.8950, 31.4900,
17.1564

■ 43.4270, 40.6415,
59.5292

■ 21.7828, 30.4845,
13.2887

■ 47.9296, 42.7323,
70.1487

■ 19.9632, 29.6127,
10.2127

■ 52.8153, 44.9964,
81.8760

■ 18.4212, 28.8680,
7.8735

■ 58.0932, 47.4380,
94.7419

■ 17.1404, 28.2432,
6.2090

■ 62.2712, 49.4605,
100.8725

■ 16.1019, 27.7302,
5.1470

■ 65.4959, 51.1229,
101.0234

■ 15.2765, 27.3168,
4.5622

■ 68.9075, 52.8816,
101.1831

Harmonies

Analogous

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



33.1247, 35.3650, 32.5896



32.1198, 35.3650, 33.9874



31.5231, 35.3650, 36.6314

Triad

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



32.1198, 35.3650, 33.9874



32.9521, 35.3650, 44.9507



35.8428, 35.3650, 37.1170

Complementary

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



32.1198, 35.3650, 33.9874



31.6192, 31.7271, 39.1097

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.



35.7940, 35.3650, 40.4445



32.1198, 35.3650, 33.9874



34.1069, 35.3650, 45.0994

Square

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



32.1198, 35.3650, 33.9874



31.9960, 35.3650, 43.0142



35.1525, 35.3650, 43.4094



35.2843, 35.3650, 34.3252

Rectangle

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



32.1198, 35.3650, 33.9874



31.4285, 35.3650, 38.8073



35.1525, 35.3650, 43.4094



35.8973, 35.3650, 38.2072

Sweetspot

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



32.1208, 35.3665, 33.9882



61.0767, 64.9994, 68.6262



32.8035, 34.3755, 33.7609



13.7337, 14.6061, 15.4487



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.



32.1208, 35.3665, 33.9882



56.2567, 62.7417, 58.1389



31.2863, 34.9242, 34.4988



7.2310, 8.0216, 7.5473



11.8036, 21.1955, 3.4690



0.2998, 0.4721, 0.0753

Inverse Universe

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



31.6192, 31.7271, 39.1097



55.1265, 54.5417, 69.6782



32.5069, 32.1982, 38.5461



7.0993, 7.0655, 8.8927



9.3022, 4.2019, 27.2506



0.2458, 0.1142, 0.5750

Previews

White Background



This preview shows how the XYZ color 32.1198, 35.3650, 33.9874 looks on a white background.

Color Contrast Check

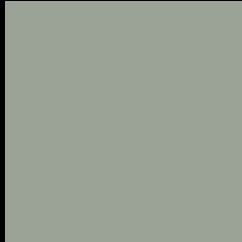
Large Text (above 18pt) WCAG AA × Fail

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 32.1198, 35.3650, 33.9874 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 32.1198, 35.3650, 33.9874

Background



This preview shows how black text looks on a background with the XYZ color 32.1198, 35.3650, 33.9874.



This preview shows how white text looks on a background with the XYZ color 32.1198, 35.3650,

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

32.1198, 35.3650, 33.9874

Protanopia

33.6420, 35.3867, 33.0742

Deuteranopia

35.9792, 35.2934, 34.6218



Tritanopia

34.1178, 35.3893, 44.0623

Trichromacy



Original Color

32.1198, 35.3650, 33.9874

Protanomaly

33.0700, 35.3410, 33.5123

Deuteranomaly

34.3903, 35.2341, 34.2665

Tritanomaly

33.3503, 35.3382, 40.1852

Monochromacy



Original Color

32.1198, 35.3650, 33.9874

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.6721, 34.8110, 36.4497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1198, 35.3650, 33.9874 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, 163, 150)` looks like.

```
.text, #text, p{  
    color:rgb(155, 163, 150)  
}
```

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, 163, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 163, 150) }
```

Border

The CSS property to change the border of an element to XYZ 32.1198, 35.3650, 33.9874 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, 163, 150) }
```


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

```
.border{ border-color:rgb(155, 163, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 163, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 163, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 163, 150);  
box-shadow:4px 4px 4px 4px rgb(155, 163,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1198, 35.3650, 33.9874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 163, 150) }
```

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

```
.background{ background-color: rgb(155,  
163, 150) }
```

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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