

Converting Colors

XYZ(31.9221, 35.0253, 32.8502)

Have a look what the booklet for
XYZ(31.9221, 35.0253, 32.8502)
contains.

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Color

**XYZ(31.8971, 35.0152,
32.6812)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA293
RGB	156, 162, 147
RGB Percent	61%, 64%, 58%
CMY	0.3882, 0.3647, 0.4235
CMYK	0.04, 0.00, 0.09, 0.36
HSL	84°, 7%, 61%
HSV	84°, 9%, 64%
XYZ	31.8971, 35.0152, 32.6812
YIQ	158.4960, 1.2390, -5.9370

Conversions

Conversions Part 2

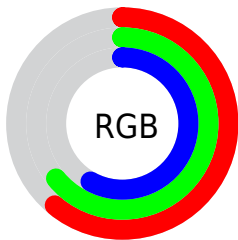
Format	Color
RYB	147, 162, 153
Decimal	10265235
CIELab	65.76, -4.95, 7.06
CIElCh	66, 8.623, 125.065
Yxy	35.0152, 0.3203, 0.3516
Android (android.graphics.Color)	4288455315 (0xFF9CA293)
YUV	158.4960, -5.6675, -2.1890
Hunter-Lab	59.1736, -7.3348, 8.6761

Details

The XYZ color **31.8971, 35.0152, 32.6812** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0936, 30.2493, 38.4369**, and the grayscale version is **32.7502, 34.4557, 37.5223**.

A 20% lighter version of the original color is **61.9338, 67.5444, 65.0315**, and **13.5129, 14.9996, 13.2493** is the 20% darker color. If you saturate the color by 10%, you get **29.4935, 33.9138, 26.3936**, and if you desaturate by 10%, it is **34.5487, 36.2258, 39.9165**.

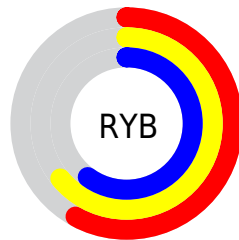
Distribution



Red (61%)

Green (64%)

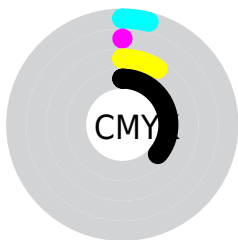
Blue (58%)



Red (58%)

Yellow (64%)

Blue (60%)

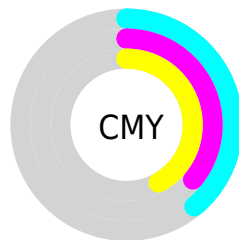


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.8971, 35.0152, 32.6812 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 31.8971, 35.0152, 32.6812 by changing the saturation by 10% instead.

■ 31.8971, 35.0152,
32.6812

■ 31.8971, 35.0152,
32.6812

302.4039,
324.6354, 328.7986

■ 21.4381, 23.6746,
21.6132

■ 62.0160, 67.5093,
64.9877

■ 13.5589, 15.0924,
13.3774

■ 82.4066, 89.4316,
87.0634

■ 7.8941, 8.8843,
7.5552

106.8385,
115.6499, 113.6453

■ 4.0785, 4.6658,
3.7280

135.6769,
146.5486, 145.1521

■ 1.7467, 2.0525,
1.4773

169.2874,
182.5121, 182.0023

■ 0.4852, 0.6377,
0.2010

208.0351,

■ 0.0000, 0.0000,

223.9248, 224.6144

0.0000

252.2855,
271.1711, 273.4070

■ 31.8971, 35.0152,
32.6812

■ 31.8971, 35.0152,
32.6812

■ 29.4935, 33.9138,
26.3936

■ 34.5487, 36.2258,
39.9165

■ 27.3265, 32.9136,
21.0121

■ 37.4533, 37.5443,
48.1341

■ 25.3881, 32.0122,
16.4954

■ 40.6196, 38.9754,
57.3697

■ 23.6685, 31.2058,
12.7984

■ 44.0549, 40.5223,
67.6567

■ 22.1572, 30.4899,
9.8715

■ 47.7660, 42.1876,
79.0266

■ 20.8428, 29.8599,
7.6599

■ 51.7598, 43.9743,
91.5100

■ 19.7123, 29.3104,
6.1017

■ 55.1602, 45.5321,
100.4890

■ 18.7507, 28.8353,
5.1243

■ 56.9443, 46.4518,
100.5725

■ 17.9279, 28.4224,
4.5756

■ 58.8028, 47.4099,
100.6595

Harmonies

Analogous

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



33.0657, 35.0152, 31.5728



31.8971, 35.0152, 32.6812



31.1145, 35.0152, 35.2515

Triad

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



31.8971, 35.0152, 32.6812



32.2616, 35.0152, 44.8280



35.7740, 35.0152, 37.5112

Complementary

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



31.8971, 35.0152, 32.6812



30.0936, 30.2493, 38.4369

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.



35.5455, 35.0152, 41.1518



31.8971, 35.0152, 32.6812



33.4970, 35.0152, 45.5276

Square

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



31.8971, 35.0152, 32.6812



31.3212, 35.0152, 42.2878



34.7041, 35.0152, 44.1434



35.3207, 35.0152, 34.2459

Rectangle

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



31.8971, 35.0152, 32.6812



30.9060, 35.0152, 37.5269



34.7041, 35.0152, 44.1434



35.7745, 35.0152, 38.7306

Sweetspot

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



31.8981, 35.0167, 32.6820



60.8373, 64.9057, 67.2696



31.5593, 32.5717, 32.2279



13.5782, 14.5385, 14.8742



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.



31.8981, 35.0167, 32.6820



57.0206, 63.1621, 56.9717



30.4913, 34.2915, 32.6161



7.3739, 8.0952, 7.5540



14.1272, 22.3933, 3.5778



0.3481, 0.4969, 0.0776

Inverse Universe

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



30.0936, 30.2493, 38.4369



53.1072, 52.8228, 69.4529



31.5540, 31.0022, 38.5053



6.9562, 6.9918, 8.8860



6.8921, 2.9595, 27.1378



0.1974, 0.0893, 0.5727

Previews

White Background



This preview shows how the XYZ color 31.8971, 35.0152, 32.6812 looks on a white background.

Color Contrast Check

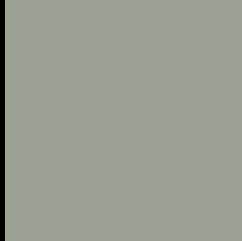
Large Text (above 18pt) WCAG AA × Fail

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 31.8971, 35.0152, 32.6812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

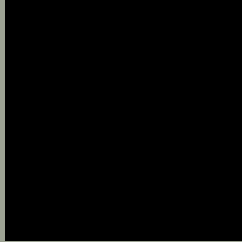
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

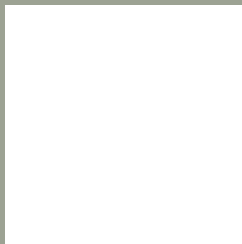
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.8971, 35.0152, 32.6812

Background



This preview shows how black text looks on a background with the XYZ color 31.8971, 35.0152, 32.6812.



This preview shows how white text looks on a background with the XYZ color 31.8971, 35.0152,

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

31.8971, 35.0152, 32.6812

Protanopia

33.2349, 34.9476, 31.7820

Deuteranopia

35.5708, 34.8648, 33.2886



Tritanopia

34.0748, 34.8676, 43.4623

Trichromacy



Original Color

31.8971, 35.0152, 32.6812

Protanomaly

32.6594, 34.8983, 32.2088

Deuteranomaly

34.1969, 34.9100, 32.9529

Tritanomaly

33.2178, 34.7758, 39.1441

Monochromacy



Original Color

31.8971, 35.0152, 32.6812

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.1355, 34.2975, 35.4982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8971, 35.0152, 32.6812 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(156, 162, 147) looks like.

```
.text, #text, p{  
    color:rgb(156, 162, 147)  
}
```

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(156, 162, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 162, 147) }
```

Border

The CSS property to change the border of an element to XYZ 31.8971, 35.0152, 32.6812 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(156, 162, 147) }
```


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

```
.border{ border-color:rgb(156, 162, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 162, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 162, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 162, 147);  
box-shadow:4px 4px 4px 4px rgb(156, 162,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8971, 35.0152, 32.6812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 162, 147) }
```

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

```
.background{ background-color: rgb(156,  
162, 147) }
```

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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