

Converting Colors

XYZ(31.5143, 32.7469, 35.0313)

Have a look what the booklet for
XYZ(31.5143, 32.7469, 35.0313)
contains.

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Color

**XYZ(31.4889, 32.7134,
35.2265)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9A9A
RGB	158, 154, 154
RGB Percent	62%, 60%, 60%
CMY	0.3804, 0.3961, 0.3961
CMYK	0.00, 0.03, 0.03, 0.38
HSL	0°, 2%, 61%
HSV	0°, 3%, 62%
XYZ	31.4889, 32.7134, 35.2265
YIQ	155.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

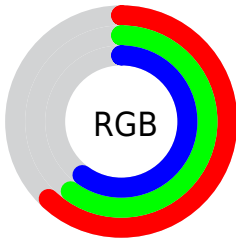
Format	Color
RYB	158, 154, 154
Decimal	10394266
CIELab	63.93, 1.46, 0.51
CIElCh	64, 1.542, 19.255
Yxy	32.7134, 0.3167, 0.3290
Android (android.graphics.Color)	4288584346 (0xFF9E9A9A)
YUV	155.1960, -0.5896, 2.4591
Hunter-Lab	57.1956, -1.8197, 3.5205

Details

The XYZ color **31.4889, 32.7134, 35.2265** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7248, 33.7919, 37.1987**, and the grayscale version is **31.2451, 32.8722, 35.7979**.

A 20% lighter version of the original color is **61.3816, 63.8120, 68.7563**, and **13.3618, 13.8056, 14.7925** is the 20% darker color. If you saturate the color by 10%, you get **27.8221, 27.3487, 27.9335**, and if you desaturate by 10%, it is **35.6736, 38.8358, 43.5475**.

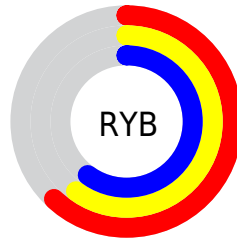
Distribution



Red (62%)

Green (60%)

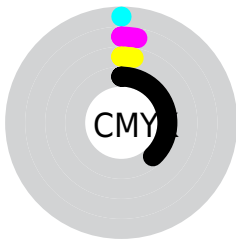
Blue (60%)



Red (62%)

Yellow (60%)

Blue (60%)

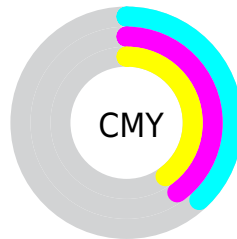


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4889, 32.7134, 35.2265 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 31.4889, 32.7134, 35.2265 by changing the saturation by 10% instead.

■ 31.4889, 32.7134,
35.2265

■ 31.4889, 32.7134,
35.2265

300.5712,
314.3563, 340.5015

■ 21.1251, 21.9070,
23.5525

■ 61.3796, 63.9278,
68.9921

■ 13.3284, 13.7886,
14.7928

■ 81.6372, 85.1046,
91.9206

■ 7.7337, 7.9738,
8.5291

105.9234,
110.5070, 119.4378

■ 3.9754, 4.0782,
4.3428

134.6036,
140.5193, 151.9621

■ 1.6882, 1.7174,
1.8152

168.0431,
175.5260, 189.9121

■ 0.4489, 0.4349,
0.4380

206.6073,

■ 0.0000, 0.0000,

215.9115, 233.7063

0.0000

250.6616,
262.0601, 283.7633

■ 31.4889, 32.7134,
35.2265

■ 31.4889, 32.7134,
35.2265

■ 27.8221, 27.3487,
27.9335

■ 35.6736, 38.8358,
43.5475

■ 24.6504, 22.7082,
21.6267

■ 40.3923, 45.7394,
52.9321

■ 21.9535, 18.7622,
16.2644

■ 45.6639, 53.4517,
63.4167

■ 19.7086, 15.4773,
11.8011

■ 51.5055, 61.9977,
75.0353

■ 17.8908, 12.8173,
8.1877

■ 57.9335, 71.4015,
87.8204

■ 16.4732, 10.7428,
5.3703

■ 64.9635, 81.6860,
101.8035

■ 15.4256, 9.2095,
3.2888

■ 67.9108, 86.0092,
107.6299

■ 14.7136, 8.1671,
1.8746

■ 14.2962, 7.5559,
1.0464

Harmonies

Analogous

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



31.5051, 32.7134, 35.8427



31.4889, 32.7134, 35.2265



31.3664, 32.7134, 34.7212

Triad

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



31.4889, 32.7134, 35.2265



30.7779, 32.7134, 34.8446



31.0153, 32.7134, 36.8070

Complementary

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



31.4889, 32.7134, 35.2265



31.7248, 33.7919, 37.1987

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.



30.8214, 32.7134, 36.5329



31.4889, 32.7134, 35.2265



30.6847, 32.7134, 35.3969

Square

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



31.4889, 32.7134, 35.2265



30.9556, 32.7134, 34.5025



30.7006, 32.7134, 36.0151



31.2310, 32.7134, 36.7600

Rectangle

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



31.4889, 32.7134, 35.2265



31.2412, 32.7134, 34.5129



30.7006, 32.7134, 36.0151



30.9455, 32.7134, 36.7492

Sweetspot

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



31.4898, 32.7148, 35.2272



58.2724, 61.0007, 66.1349



31.8282, 32.8494, 37.0113



13.1472, 13.7668, 14.9295



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.



31.4898, 32.7148, 35.2272



56.8105, 58.8619, 63.2277



31.8222, 33.3796, 35.3380



7.1061, 7.3384, 7.8590



11.2942, 5.8240, 0.5289



0.2020, 0.1043, 0.0095

Inverse Universe

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



31.7248, 33.7919, 37.1987



57.3244, 61.2169, 67.5382



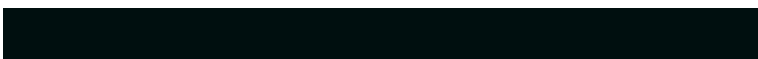
31.3869, 33.1161, 37.0860



7.1841, 7.6960, 8.5135



14.7203, 21.5321, 29.2875



0.2633, 0.3852, 0.5237

Previews

White Background



This preview shows how the XYZ color 31.4889, 32.7134, 35.2265 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 31.4889, 32.7134, 35.2265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

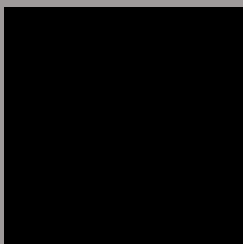
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

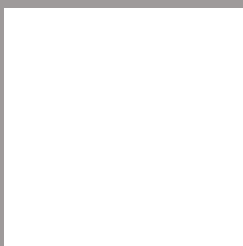
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.4889, 32.7134, 35.2265

Background



This preview shows how black text looks on a background with the XYZ color 31.4889, 32.7134, 35.2265.

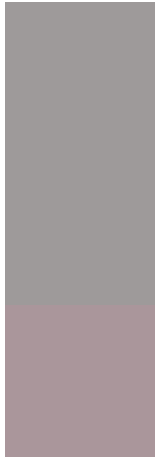


This preview shows how white text looks on a background with the XYZ color 31.4889, 32.7134,

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

31.4889, 32.7134, 35.2265

Protanopia

31.4889, 32.7134, 35.2265

Deuteranopia

33.4003, 32.7253, 35.5666



Tritanopia

32.4263, 32.6104, 39.7073

Trichromacy



Original Color

31.4889, 32.7134, 35.2265

Protanomaly

31.4889, 32.7134, 35.2265

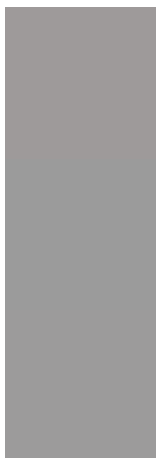
Deuteranomaly

32.7089, 32.6068, 35.5801

Tritanomaly

32.0345, 32.6915, 37.8794

Monochromacy



Original Color

31.4889, 32.7134, 35.2265

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.3480, 32.8772, 35.7041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4889, 32.7134, 35.2265 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(158, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(158, 154, 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(158, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 31.4889, 32.7134, 35.2265 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(158, 154, 154) }
```


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

```
.border{ border-color:rgb(158, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(158, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4889, 32.7134, 35.2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 154, 154) }
```

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

```
.background{ background-color: rgb(158,  
154, 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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