

Converting Colors

XYZ(31.3137, 32.2818, 39.6102)

Have a look what the booklet for
XYZ(31.3137, 32.2818, 39.6102)
contains.

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Color

**XYZ(31.4185, 32.3328,
39.7069)**

Conversions

Conversions Part 1

Format	Color
Hex	9A99A4
RGB	154, 153, 164
RGB Percent	60%, 60%, 64%
CMY	0.3961, 0.4000, 0.3569
CMYK	0.06, 0.07, 0.00, 0.36
HSL	245°, 6%, 62%
HSV	245°, 7%, 64%
XYZ	31.4185, 32.3328, 39.7069
YIQ	154.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

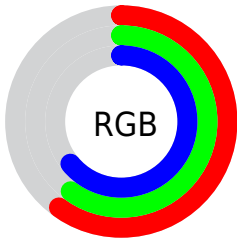
Format	Color
RYB	154, 153, 164
Decimal	10131876
CIELab	63.62, 2.54, -5.62
CIELCh	64, 6.165, 294.319
Yxy	32.3328, 0.3037, 0.3125
Android (android.graphics.Color)	4288321956 (0xFF9A99A4)
YUV	154.5530, 4.6574, -0.4850
Hunter-Lab	56.8619, -0.8800, -1.5991

Details

The XYZ color **31.4185, 32.3328, 39.7069** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1307, 36.6382, 35.4115**, and the grayscale version is **30.9401, 32.5514, 35.4485**.

A 20% lighter version of the original color is **61.1114, 63.1500, 75.9861**, and **13.2695, 13.5562, 17.2465** is the 20% darker color. If you saturate the color by 10%, you get **26.2527, 25.9558, 38.7488**, and if you desaturate by 10%, it is **37.3078, 39.6322, 40.8059**.

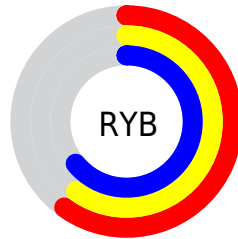
Distribution



Red (60%)

Green (60%)

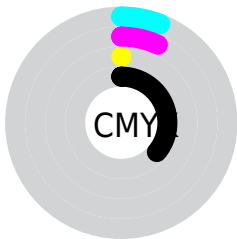
Blue (64%)



Red (60%)

Yellow (60%)

Blue (64%)

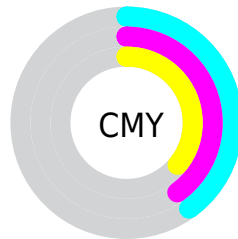


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (40%)

Magenta (40%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4185, 32.3328, 39.7069 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 31.4185, 32.3328, 39.7069 by changing the saturation by 10% instead.

■ 31.4185, 32.3328,
39.7069

■ 31.4185, 32.3328,
39.7069

300.2543,
312.6325, 360.4019

■ 21.0711, 21.6158,
26.9980

■ 61.2697, 63.3325,
75.9492

■ 13.2888, 13.5749,
17.3393

■ 81.5043, 84.3839,
100.3197

■ 7.7061, 7.8256,
10.3122

105.7653,
109.6490, 129.4145

■ 3.9577, 3.9836,
5.4981

134.4181,
139.5121, 163.6521

■ 1.6782, 1.6644,
2.4786

167.8280,
174.3576, 203.4512

■ 0.4426, 0.4004,
0.8288

206.3605,

■ 0.0000, 0.0000,

214.5699, 249.2301

0.0000

250.3808,
260.5334, 301.4075

■ 31.4185, 32.3328,
39.7069

■ 31.4185, 32.3328,
39.7069

■ 26.2527, 25.9558,
38.7488

■ 37.3078, 39.6322,
40.8059

■ 21.7797, 20.4606,
37.9238

■ 43.9440, 47.8844,
42.0490

■ 17.9708, 15.8095,
37.2268

■ 51.3530, 57.1235,
43.4418

■ 14.7942, 11.9606,
36.6514

■ 59.5588, 67.3806,
44.9891

■ 12.2156, 8.8685,
36.1904

■ 68.5840, 78.6855,
46.6955

■ 10.1972, 6.4830,
35.8364

■ 78.4506, 91.0668,
48.5653

■ 8.6971, 4.7480,
35.5805

■ 83.7009, 95.4604,
49.1367

■ 7.6672, 3.5989,
35.4130

■ 7.0439, 2.9442,
35.3195

Harmonies

Analogous

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



30.5677, 32.3328, 40.1393



31.4185, 32.3328, 39.7069



32.0965, 32.3328, 38.0448

Triad

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



31.4185, 32.3328, 39.7069



31.7076, 32.3328, 31.4907



29.1125, 32.3328, 34.7374

Complementary

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



31.4185, 32.3328, 39.7069



34.1307, 36.6382, 35.4115

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.



29.4055, 32.3328, 32.5100



31.4185, 32.3328, 39.7069



30.8956, 32.3328, 30.6925

Square

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



31.4185, 32.3328, 39.7069



32.2655, 32.3328, 33.2874



30.0543, 32.3328, 31.0568



29.2466, 32.3328, 37.1947

Rectangle

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



31.4185, 32.3328, 39.7069



32.3538, 32.3328, 36.5027



30.0543, 32.3328, 31.0568



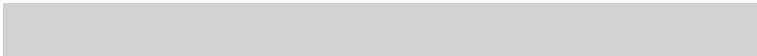
29.1641, 32.3328, 33.9383

Sweetspot

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



31.4194, 32.3342, 39.7076



61.8542, 64.6634, 72.9735



32.9507, 35.6775, 40.2722



13.5500, 14.1707, 15.9586



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.



31.4194, 32.3342, 39.7076



55.5961, 56.9169, 71.8082



32.4740, 32.8778, 39.7570



6.7573, 6.8893, 8.8767



5.3066, 2.1421, 27.0636



0.1282, 0.0536, 0.5694

Inverse Universe

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



33.3130, 33.3207, 39.3276



59.7360, 59.0739, 70.9690



33.0449, 36.0785, 35.3607



7.3365, 7.1910, 8.7584



15.9148, 7.7220, 22.5399



0.3419, 0.1653, 0.5132

Previews

White Background



This preview shows how the XYZ color 31.4185, 32.3328, 39.7069 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 31.4185, 32.3328, 39.7069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

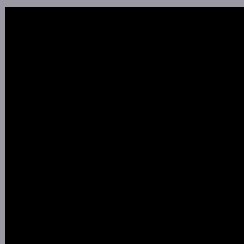
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

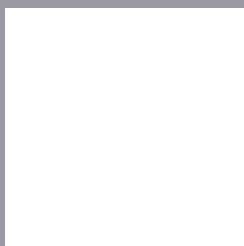
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.4185, 32.3328, 39.7069

Background



This preview shows how black text looks on a background with the XYZ color 31.4185, 32.3328, 39.7069.



This preview shows how white text looks on a background with the XYZ color 31.4185, 32.3328,

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

31.4185, 32.3328, 39.7069

Protanopia

31.4185, 32.3328, 39.7069

Deuteranopia

33.0077, 32.4218, 40.1157



Tritanopia

31.5092, 32.3691, 40.1845

Trichromacy



Original Color

31.4185, 32.3328, 39.7069

Protanomaly

31.4185, 32.3328, 39.7069

Deuteranomaly

32.3553, 32.3234, 40.1310

Tritanomaly

31.5092, 32.3691, 40.1845

Monochromacy



Original Color

31.4185, 32.3328, 39.7069

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.2447, 32.5484, 36.9834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4185, 32.3328, 39.7069 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(154, 153, 164)` looks like.

```
.text, #text, p{  
    color:rgb(154, 153, 164)  
}
```

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(154, 153, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 153, 164) }
```

Border

The CSS property to change the border of an element to XYZ 31.4185, 32.3328, 39.7069 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(154, 153, 164) }
```


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

```
.border{ border-color:rgb(154, 153, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 153, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 153, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 153, 164);  
box-shadow:4px 4px 4px 4px rgb(154, 153,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4185, 32.3328, 39.7069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 153, 164) }
```

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

```
.background{ background-color: rgb(154,  
153, 164) }
```

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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