

Converting Colors

XYZ(32.2944, 31.7426, 43.4546)

Have a look what the booklet for
XYZ(32.2944, 31.7426, 43.4546)
contains.

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Color

**XYZ(32.2944, 31.7426,
43.4546)**

Conversions

Conversions Part 1

Format	Color
Hex	9E95AC
RGB	158, 149, 172
RGB Percent	62%, 58%, 67%
CMY	0.3804, 0.4157, 0.3255
CMYK	0.08, 0.13, 0.00, 0.33
HSL	263°, 12%, 63%
HSV	263°, 13%, 67%
XYZ	32.2944, 31.7426, 43.4546
YIQ	154.3130, -2.0190, 9.0610

Conversions

Conversions Part 2

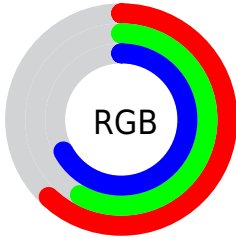
Format	Color
RYB	158, 149, 172
Decimal	10393004
CIELab	63.13, 7.82, -10.82
CIELCh	63, 13.352, 305.869
Yxy	31.7426, 0.3004, 0.2953
Android (android.graphics.Color)	4288583084 (0xFF9E95AC)
YUV	154.3130, 8.7197, 3.2335
Hunter-Lab	56.3406, 3.7202, -6.2910

Details

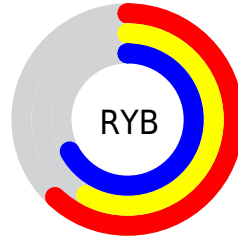
The XYZ color **32.2944, 31.7426, 43.4546** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2829, 39.4624, 34.1928**, and the grayscale version is **30.8170, 32.4219, 35.3074**.

A 20% lighter version of the original color is **62.6616, 62.4041, 81.4156**, and **13.8213, 13.2172, 19.5920** is the 20% darker color. If you saturate the color by 10%, you get **27.7992, 25.6802, 42.5218**, and if you desaturate by 10%, it is **37.3690, 38.7020, 44.5309**.

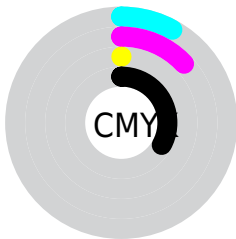
Distribution



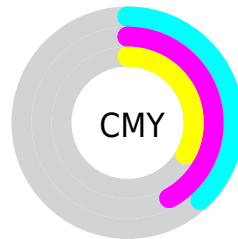
- Red (62%)
- Green (58%)
- Blue (67%)



- Red (62%)
- Yellow (58%)
- Blue (67%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2944, 31.7426, 43.4546 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 32.2944, 31.7426, 43.4546 by changing the saturation by 10% instead.

■ 32.2944, 31.7426,
43.4546

■ 32.2944, 31.7426,
43.4546

304.1797,
309.9450, 376.4540

■ 21.7431, 21.1650,
29.9079

■ 62.6344, 62.4073,
81.6901

■ 13.7838, 13.2446,
19.5173

■ 83.1538, 83.2633,
107.2161

■ 8.0511, 7.5972,
11.8640

107.7267,
108.3140, 137.5721

■ 4.1798, 3.8383,
6.5298

136.7183,
137.9441, 173.1769

■ 1.8043, 1.5835,
3.0958

170.4941,
172.5379, 214.4490

■ 0.5203, 0.3465,
1.1438

209.4193,

■ 0.0000, 0.0000,

212.4797, 261.8068

0.0000

253.8594,
258.1539, 315.6690

■ 32.2944, 31.7426,
43.4546

■ 32.2944, 31.7426,
43.4546

■ 27.7992, 25.6802,
42.5218

■ 37.3690, 38.7020,
44.5309

■ 23.8585, 20.4733,
41.7245

■ 43.0406, 46.5894,
45.7544

■ 20.4499, 16.0833,
41.0568

■ 49.3300, 55.4394,
47.1312

■ 17.5483, 12.4669,
40.5117

■ 56.2557, 65.2834,
48.6662

■ 15.1262, 9.5766,
40.0815

■ 63.8356, 76.1516,
50.3645

13.1535, 7.3596,
39.7575

72.0869, 88.0727,
52.2306

11.5959, 5.7556,
39.5300

76.2573, 91.5369,
52.6795

10.4130, 4.6925,
39.3872

79.7446, 93.3347,
52.8427

9.7814, 4.1823,
39.3220

83.4376, 95.2385,
53.0155

Harmonies

Analogous

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



30.5341, 31.7426, 45.6709



32.2944, 31.7426, 43.4546



33.5208, 31.7426, 38.8790

Triad

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



32.2944, 31.7426, 43.4546



31.6422, 31.7426, 26.1042



26.7813, 31.7426, 35.6103

Complementary

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



32.2944, 31.7426, 43.4546



35.2829, 39.4624, 34.1928

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.



27.0510, 31.7426, 30.5776



32.2944, 31.7426, 43.4546



29.8095, 31.7426, 25.4190

Square

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



32.2944, 31.7426, 43.4546



33.1336, 31.7426, 28.9511



28.1416, 31.7426, 26.9742



27.3893, 31.7426, 40.8553

Rectangle

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



32.2944, 31.7426, 43.4546



33.8441, 31.7426, 35.2985



28.1416, 31.7426, 26.9742



26.7726, 31.7426, 33.8364

Sweetspot

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



32.2954, 31.7439, 43.4553



67.1115, 69.2708, 80.6392



32.9718, 35.6288, 44.1695



14.4311, 14.8420, 17.4919



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.2954, 31.7439, 43.4553



56.1026, 54.2147, 78.3133



34.6251, 32.9450, 43.5643



7.8642, 7.9043, 10.0639



7.3368, 3.1421, 29.2643



0.2665, 0.1196, 0.8170

Inverse Universe

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



34.3727, 32.9114, 39.1929



60.6309, 56.7608, 68.9639



33.0682, 38.3207, 34.0891



8.2023, 8.0942, 9.3761



14.5745, 7.2923, 10.6705



0.4313, 0.2132, 0.4329

Previews

White Background



This preview shows how the XYZ color 32.2944, 31.7426, 43.4546 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 32.2944, 31.7426, 43.4546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

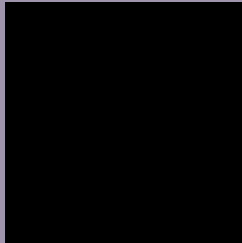
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.2944, 31.7426, 43.4546

Background



This preview shows how black text looks on a background with the XYZ color 32.2944, 31.7426, 43.4546.



This preview shows how white text looks on a background with the XYZ color 32.2944, 31.7426,

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

32.2944, 31.7426, 43.4546

Protanopia

31.2626, 31.9020, 44.5544

Deuteranopia

32.4919, 31.8444, 43.4638



Tritanopia

31.2985, 31.8098, 38.6727

Trichromacy



Original Color

32.2944, 31.7426, 43.4546

Protanomaly

31.5583, 31.8257, 44.0148

Deuteranomaly

32.4919, 31.8444, 43.4638

Tritanomaly

31.6939, 31.7340, 40.5312

Monochromacy



Original Color

32.2944, 31.7426, 43.4546

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.1788, 31.9982, 38.2512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2944, 31.7426, 43.4546 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, 149, 172)` looks like.

```
.text, #text, p{  
    color:rgb(158, 149, 172)  
}
```

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, 149, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 149, 172) }
```

Border

The CSS property to change the border of an element to XYZ 32.2944, 31.7426, 43.4546 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, 149, 172) }
```


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

```
.border{ border-color:rgb(158, 149, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 149, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 149, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 149, 172);  
box-shadow:4px 4px 4px 4px rgb(158, 149,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2944, 31.7426, 43.4546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 149, 172) }
```

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

```
.background{ background-color: rgb(158,  
149, 172) }
```

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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