

Converting Colors

XYZ(32.0508, 31.3267, 42.8812)

Have a look what the booklet for
XYZ(32.0508, 31.3267, 42.8812)
contains.

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Color

**XYZ(32.0411, 31.3892,
42.8980)**

Conversions

Conversions Part 1

Format	Color
Hex	9E94AB
RGB	158, 148, 171
RGB Percent	62%, 58%, 67%
CMY	0.3804, 0.4196, 0.3294
CMYK	0.08, 0.13, 0.00, 0.33
HSL	266°, 12%, 63%
HSV	266°, 13%, 67%
XYZ	32.0411, 31.3892, 42.8980
YIQ	153.6120, -1.4230, 9.2730

Conversions

Conversions Part 2

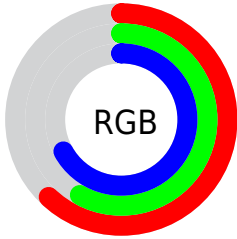
Format	Color
RYB	158, 148, 171
Decimal	10392747
CIELab	62.83, 8.18, -10.70
CIElCh	63, 13.465, 307.403
Yxy	31.3892, 0.3013, 0.2952
Android (android.graphics.Color)	4288582827 (0xFF9E94AB)
YUV	153.6120, 8.5723, 3.8483
Hunter-Lab	56.0261, 4.0379, -6.1789

Details

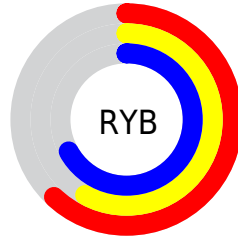
The XYZ color **32.0411, 31.3892, 42.8980** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6073, 38.8418, 33.6918**, and the grayscale version is **30.5101, 32.0990, 34.9559**.

A 20% lighter version of the original color is **62.2886, 61.8782, 80.6122**, and **13.6679, 13.0071, 19.2430** is the 20% darker color. If you saturate the color by 10%, you get **27.7275, 25.4742, 41.9841**, and if you desaturate by 10%, it is **36.9024, 38.1765, 43.9523**.

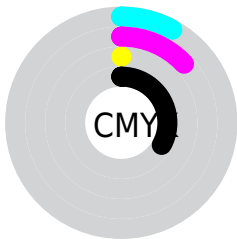
Distribution



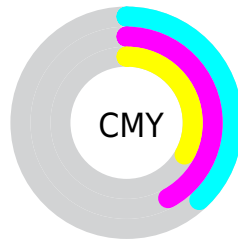
- Red (62%)
- Green (58%)
- Blue (67%)



- 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 32.0411, 31.3892, 42.8980 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 32.0411, 31.3892, 42.8980 by changing the saturation by 10% instead.

■ 32.0411, 31.3892,
42.8980

■ 32.0411, 31.3892,
42.8980

303.0484,
308.3274, 374.1010

■ 21.5486, 20.8954,
29.4743

■ 62.2403, 61.8523,
80.8416

■ 13.6403, 13.0476,
19.1912

■ 82.6777, 82.5904,
106.1986

■ 7.9510, 7.4613,
11.6303

107.1607,
107.5121, 136.3704

■ 4.1151, 3.7522,
6.3730

136.0548,
137.0016, 171.7756

■ 1.7675, 1.5360,
3.0008

169.7252,
171.4436, 212.8327

■ 0.4980, 0.3138,
1.0950

208.5374,

■ 0.0000, 0.0000,

211.2222, 259.9603

0.0000

252.8567,
256.7220, 313.5769

■ 32.0411, 31.3892,
42.8980

■ 32.0411, 31.3892,
42.8980

■ 27.7275, 25.4742,
41.9841

■ 36.9024, 38.1765,
43.9523

■ 23.9381, 20.3912,
41.2027

■ 42.3281, 45.8662,
45.1506

■ 20.6517, 16.1023,
40.5481

■ 48.3378, 54.4920,
46.4989

■ 17.8444, 12.5655,
40.0134

■ 54.9490, 64.0847,
48.0020

■ 15.4902, 9.7344,
39.5910

■ 62.1787, 74.6736,
49.6648

■ 13.5605, 7.5575,
39.2725

■ 70.0431, 86.2865,
51.4918

■ 12.0225, 5.9759,
39.0483

■ 74.3700, 90.5750,
52.0915

■ 10.8379, 4.9191,
38.9068

■ 77.4814, 92.1790,
52.2371

■ 10.2009, 4.4096,
38.8420

■ 80.7663, 93.8724,
52.3909

Harmonies

Analogous

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



30.2938, 31.3892, 45.2722



32.0411, 31.3892, 42.8980



33.2302, 31.3892, 38.2309

Triad

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



32.0411, 31.3892, 42.8980



31.2181, 31.3892, 25.6314



26.4538, 31.3892, 35.5031

Complementary

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



32.0411, 31.3892, 42.8980



34.6073, 38.8418, 33.6918

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.



26.6784, 31.3892, 30.4213



32.0411, 31.3892, 42.8980



29.3798, 31.3892, 25.0619

Square

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



32.0411, 31.3892, 42.8980



32.7415, 31.3892, 28.3715



27.7316, 31.3892, 26.7270



27.1048, 31.3892, 40.7261

Rectangle

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



32.0411, 31.3892, 42.8980



33.5196, 31.3892, 34.6397



27.7316, 31.3892, 26.7270



26.4299, 31.3892, 33.7194

Sweetspot

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



32.0420, 31.3905, 42.8987



65.5188, 67.5686, 78.5907



32.3153, 34.7387, 43.5306



14.4610, 14.8574, 17.4933



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.



32.0420, 31.3905, 42.8987



55.0972, 53.0596, 76.3395



34.4040, 32.6082, 43.0092



7.8968, 7.9211, 10.0654



7.7481, 3.3542, 29.2836



0.2790, 0.1260, 0.8176

Inverse Universe

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



33.8186, 32.4124, 38.1937



58.9034, 55.2497, 66.2196



32.4013, 37.7046, 33.5885



8.1877, 8.0883, 9.2993



14.3022, 7.1834, 9.2367



0.4247, 0.2106, 0.3981

Previews

White Background



This preview shows how the XYZ color 32.0411, 31.3892, 42.8980 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 32.0411, 31.3892, 42.8980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

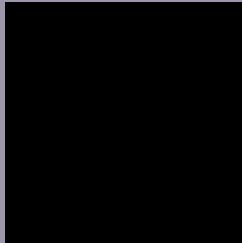
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0411, 31.3892, 42.8980

Background



This preview shows how black text looks on a background with the XYZ color 32.0411, 31.3892, 42.8980.



This preview shows how white text looks on a background with the XYZ color 32.0411, 31.3892,

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

32.0411, 31.3892, 42.8980

Protanopia

30.8222, 31.4462, 43.9804

Deuteranopia

32.0411, 31.3892, 42.8980



Tritanopia

31.0497, 31.4538, 38.1529

Trichromacy



Original Color

32.0411, 31.3892, 42.8980

Protanomaly

31.3016, 31.4667, 43.4536

Deuteranomaly

32.0411, 31.3892, 42.8980

Tritanomaly

31.4436, 31.3796, 39.9969

Monochromacy



Original Color

32.0411, 31.3892, 42.8980

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.0910, 31.9631, 37.7885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0411, 31.3892, 42.8980 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, 148, 171)` looks like.

```
.text, #text, p{  
    color:rgb(158, 148, 171)  
}
```

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, 148, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 148, 171) }
```

Border

The CSS property to change the border of an element to XYZ 32.0411, 31.3892, 42.8980 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, 148, 171) }
```


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

```
.border{ border-color:rgb(158, 148, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 148, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 148, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 148, 171);  
box-shadow:4px 4px 4px 4px rgb(158, 148,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0411, 31.3892, 42.8980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 148, 171) }
```

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

```
.background{ background-color: rgb(158,  
148, 171) }
```

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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