

Converting Colors

XYZ(31.8304, 31.2574, 42.8793)

Have a look what the booklet for
XYZ(31.8304, 31.2574, 42.8793)
contains.

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Color

**XYZ(31.8452, 31.2882,
42.8889)**

Conversions

Conversions Part 1

Format	Color
Hex	9D94AB
RGB	157, 148, 171
RGB Percent	62%, 58%, 67%
CMY	0.3843, 0.4196, 0.3294
CMYK	0.08, 0.13, 0.00, 0.33
HSL	263°, 12%, 63%
HSV	263°, 13%, 67%
XYZ	31.8452, 31.2882, 42.8889
YIQ	153.3130, -2.0190, 9.0610

Conversions

Conversions Part 2

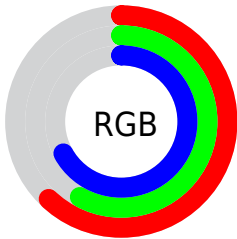
Format	Color
R_{YB}	157, 148, 171
Decimal	10327211
CIE Lab	62.75, 7.83, -10.83
CIE LCh	63, 13.368, 305.873
Yxy	31.2882, 0.3004, 0.2951
Android (android.graphics.Color)	4288517291 (0xFF9D94AB)
YUV	153.3130, 8.7197, 3.2335
Hunter-Lab	55.9359, 3.7352, -6.3056

Details

The XYZ color **31.8452, 31.2882, 42.8889** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8097, 38.9462, 33.7012**, and the grayscale version is **30.3792, 31.9613, 34.8058**.

A 20% lighter version of the original color is **61.9994, 61.7291, 80.5987**, and **13.5483, 12.9455, 19.2374** is the 20% darker color. If you saturate the color by 10%, you get **27.4136, 25.3124, 41.9695**, and if you desaturate by 10%, it is **36.8480, 38.1484, 43.9499**.

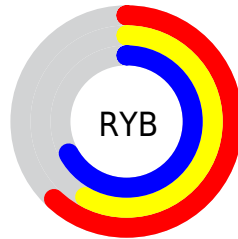
Distribution



Red (62%)

Green (58%)

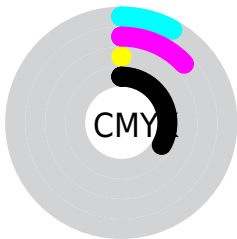
Blue (67%)



Red (62%)

Yellow (58%)

Blue (67%)

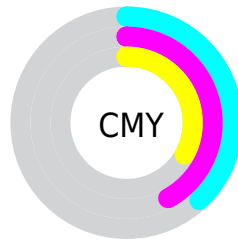


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (42%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.8452, 31.2882, 42.8889 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 31.8452, 31.2882, 42.8889 by changing the saturation by 10% instead.

■ 31.8452, 31.2882,
42.8889

■ 31.8452, 31.2882,
42.8889

302.1713,
307.8639, 374.0625

■ 21.3983, 20.8184,
29.4672

■ 61.9352, 61.6935,
80.8277

■ 13.5295, 12.9913,
19.1859

■ 82.3089, 82.3979,
106.1820

■ 7.8737, 7.4226,
11.6265

106.7223,
107.2825, 136.3508

■ 4.0654, 3.7278,
6.3705

135.5407,
136.7318, 171.7527

■ 1.7392, 1.5225,
2.9992

169.1294,
171.1302, 212.8063

■ 0.4806, 0.3045,
1.0942

207.8539,

■ 0.0000, 0.0000,

210.8621, 259.9301

0.0000

252.0794,
256.3118, 313.5426

■ 31.8452, 31.2882,
42.8889

■ 31.8452, 31.2882,
42.8889

■ 27.4136, 25.3124,
41.9695

■ 36.8480, 38.1484,
43.9499

■ 23.5288, 20.1801,
41.1836

■ 42.4396, 45.9236,
45.1559

■ 20.1687, 15.8533,
40.5256

■ 48.6402, 54.6479,
46.5131

■ 17.3084, 12.2891,
39.9884

■ 55.4683, 64.3524,
48.0263

■ 14.9209, 9.4409,
39.5644

■ 62.9415, 75.0667,
49.7005

■ 12.9765, 7.2564,
39.2453

■ 71.0766, 86.8193,
51.5402

■ 11.4413, 5.6762,
39.0212

■ 75.7023, 91.2618,
52.1539

■ 10.2755, 4.6292,
38.8805

■ 79.1411, 93.0346,
52.3149

■ 9.6588, 4.1302,
38.8167

■ 82.7828, 94.9120,
52.4853

Harmonies

Analogous

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



30.0994, 31.2882, 45.0892



31.8452, 31.2882, 42.8889



33.0616, 31.2882, 38.3483

Triad

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



31.8452, 31.2882, 42.8889



31.1979, 31.2882, 25.6848



26.3786, 31.2882, 35.1075

Complementary

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



31.8452, 31.2882, 42.8889



34.8097, 38.9462, 33.7012

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.



26.6459, 31.2882, 30.1178



31.8452, 31.2882, 42.8889



29.3804, 31.2882, 25.0064

Square

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



31.8452, 31.2882, 42.8889



32.6773, 31.2882, 28.5048



27.7268, 31.2882, 26.5471



26.9814, 31.2882, 40.3106

Rectangle

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



31.8452, 31.2882, 42.8889



33.3823, 31.2882, 34.7969



27.7268, 31.2882, 26.5471



26.3700, 31.2882, 33.3485

Sweetspot

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



31.8461, 31.2895, 42.8896



65.4043, 67.5096, 78.5853



32.5172, 35.1426, 43.5979



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.



31.8461, 31.2895, 42.8896



54.6823, 52.8457, 76.3201



34.1575, 32.4811, 42.9978



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.



33.9072, 32.4478, 38.6600



59.0924, 55.3253, 67.2147



32.6131, 37.8138, 33.5984



8.2023, 8.0942, 9.3761



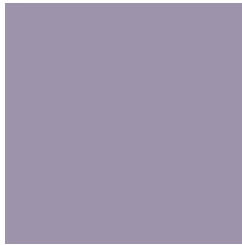
14.5745, 7.2923, 10.6704



0.4313, 0.2132, 0.4329

Previews

White Background



This preview shows how the XYZ color 31.8452, 31.2882, 42.8889 looks on a white background.

Color Contrast Check

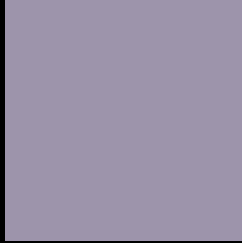
Large Text (above 18pt) WCAG AA × Fail

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 31.8452, 31.2882, 42.8889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

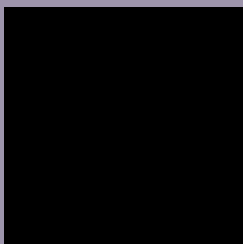
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.8452, 31.2882, 42.8889

Background



This preview shows how black text looks on a background with the XYZ color 31.8452, 31.2882, 42.8889.



This preview shows how white text looks on a background with the XYZ color 31.8452, 31.2882,

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

31.8452, 31.2882, 42.8889

Protanopia

30.8222, 31.4462, 43.9804

Deuteranopia

32.0411, 31.3892, 42.8980



Tritanopia

30.8569, 31.3545, 38.1439

Trichromacy



Original Color

31.8452, 31.2882, 42.8889

Protanomaly

31.1152, 31.3706, 43.4449

Deuteranomaly

32.0411, 31.3892, 42.8980

Tritanomaly

31.2493, 31.2794, 39.9878

Monochromacy



Original Color

31.8452, 31.2882, 42.8889

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.7382, 31.5413, 37.7257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8452, 31.2882, 42.8889 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(157, 148, 171)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 148, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 148, 171) }
```

Border

The CSS property to change the border of an element to XYZ 31.8452, 31.2882, 42.8889 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(157, 148, 171) }
```


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

```
.border{ border-color:rgb(157, 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(157, 148, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 148, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 148, 171);  
box-shadow:4px 4px 4px 4px rgb(157, 148,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8452, 31.2882, 42.8889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 148, 171) }
```

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

```
.background{ background-color: rgb(157,  
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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