

Converting Colors

XYZ(28.1081, 28.4883, 31.4034)

Have a look what the booklet for
XYZ(28.1081, 28.4883, 31.4034)
contains.

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Color

**XYZ(28.1476, 28.4925,
31.2102)**

Conversions

Conversions Part 1

Format	Color
Hex	998F92
RGB	153, 143, 146
RGB Percent	60%, 56%, 57%
CMY	0.4000, 0.4392, 0.4274
CMYK	0.00, 0.07, 0.05, 0.40
HSL	342°, 5%, 58%
HSV	342°, 7%, 60%
XYZ	28.1476, 28.4925, 31.2102
YIQ	146.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

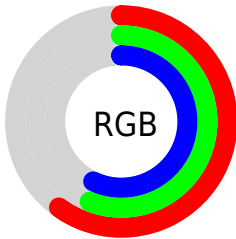
Format	Color
R_{YB}	153, 143, 146
Decimal	10063762
CIE Lab	60.33, 4.26, -0.26
CIE LCh	60, 4.271, 356.463
Yxy	28.4925, 0.3204, 0.3243
Android (android.graphics.Color)	4288253842 (0xFF998F92)
YUV	146.3320, -0.1637, 5.8478
Hunter-Lab	53.3784, 0.7149, 2.6981

Details

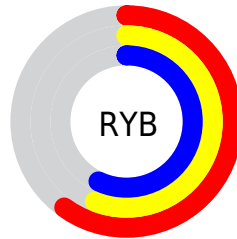
The XYZ color **28.1476, 28.4925, 31.2102** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.2250, 30.8248, 33.3177**, and the grayscale version is **27.4577, 28.8876, 31.4586**.

A 20% lighter version of the original color is **56.1237, 57.3680, 62.7587**, and **11.5052, 11.4980, 12.6793** is the 20% darker color. If you saturate the color by 10%, you get **25.2111, 23.8909, 26.3109**, and if you desaturate by 10%, it is **31.4771, 33.7544, 36.6265**.

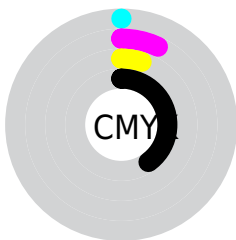
Distribution



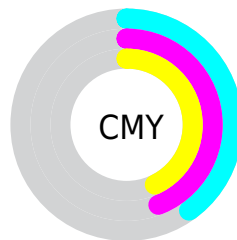
- Red (60%)
- Green (56%)
- Blue (57%)



- Red (60%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1476, 28.4925, 31.2102 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 28.1476, 28.4925, 31.2102 by changing the saturation by 10% instead.

■ 28.1476, 28.4925,
31.2102

■ 28.1476, 28.4925,
31.2102

285.2388,
294.8128, 321.8867

■ 18.5780, 18.6972,
20.4992

■ 56.1270, 57.2698,
62.6543

■ 11.4679, 11.4517,
12.5707

■ 75.2675, 77.0206,
84.2245

■ 6.4521, 6.3715,
7.0064

■ 98.3290, 100.8587,
110.2514

■ 3.1651, 3.0723,
3.3876

125.6768,
129.1686, 141.1536

■ 1.2417, 1.1696,
1.2958

157.6764,
162.3345, 177.3498

■ 0.1389, 0.0367,
0.0583

194.6930,

■ 0.0000, 0.0000,

200.7409, 219.2583

0.0000

237.0920,
244.7722, 267.2977

■ 28.1476, 28.4925,
31.2102

■ 28.1476, 28.4925,
31.2102

■ 25.2111, 23.8909,
26.3109

■ 31.4771, 33.7544,
36.6265

■ 22.6504, 19.9198,
21.9113

■ 35.2112, 39.6974,
42.5728

■ 20.4507, 16.5527,
17.9958

■ 39.3638, 46.3462,
49.0637

■ 18.5952, 13.7596,
14.5474

■ 43.9476, 53.7228,
56.1131

■ 17.0657, 11.5083,
11.5477

■ 48.9747, 61.8486,
63.7338

■ 15.8423, 9.7628,
8.9773

■ 54.4567, 70.7439,
71.9387

■ 14.9027, 8.4834,
6.8153

■ 60.4048, 80.4283,
80.7400

■ 14.2215, 7.6237,
5.0386

■ 63.4203, 84.1017,
89.0132

■ 13.7614, 7.1142,
3.6190

■ 64.9865, 84.7282,
97.2607

Harmonies

Analogous

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



27.9699, 28.4925, 32.7223



28.1476, 28.4925, 31.2102



28.0364, 28.4925, 29.6969

Triad

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



28.1476, 28.4925, 31.2102



26.6140, 28.4925, 28.3973



26.5028, 28.4925, 33.6098

Complementary

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



28.1476, 28.4925, 31.2102



28.2250, 30.8248, 33.3177

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.



26.1481, 28.4925, 32.3890



28.1476, 28.4925, 31.2102



26.2117, 28.4925, 29.3845

Square

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



28.1476, 28.4925, 31.2102



27.1464, 28.4925, 28.1054



26.0422, 28.4925, 30.8375



27.0163, 28.4925, 34.1369

Rectangle

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



28.1476, 28.4925, 31.2102



27.8142, 28.4925, 28.8850



26.0422, 28.4925, 30.8375



26.3613, 28.4925, 33.2650

Sweetspot

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



28.1484, 28.4937, 31.2108



53.0012, 55.1145, 60.1377



28.1508, 28.4301, 34.1412



11.7196, 12.1958, 13.3058



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



28.1484, 28.4937, 31.2108



49.5088, 49.6109, 54.4072



28.2211, 29.0074, 30.0996



6.2812, 6.2517, 6.8611



11.2762, 5.7647, 2.7136



0.1833, 0.0921, 0.1179

Inverse Universe

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



28.1484, 28.4937, 31.2108



49.5088, 49.6109, 54.4072



28.1450, 30.2735, 34.4973



6.2812, 6.2517, 6.8611



11.2762, 5.7647, 2.7136



0.1833, 0.0921, 0.1179

Previews

White Background



This preview shows how the XYZ color 28.1476, 28.4925, 31.2102 looks on a white background.

Color Contrast Check

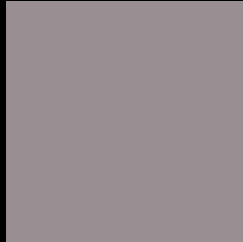
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1476, 28.4925, 31.2102 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 × Fail

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

XYZ 28.1476, 28.4925, 31.2102

Background



This preview shows how black text looks on a background with the XYZ color 28.1476, 28.4925, 31.2102.



This preview shows how white text looks on a background with the XYZ color 28.1476, 28.4925,

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

28.1476, 28.4925, 31.2102

Protanopia

27.6046, 28.6533, 31.6795

Deuteranopia

29.0113, 28.4960, 31.1653



Tritanopia

28.7492, 28.5159, 34.1259

Trichromacy



Original Color

28.1476, 28.4925, 31.2102

Protanomaly

27.8174, 28.5371, 31.6458

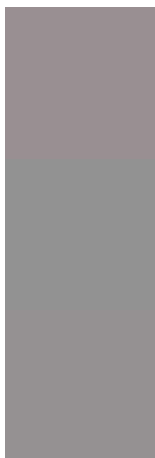
Deuteranomaly

28.7659, 28.5894, 31.1963

Tritanomaly

28.5044, 28.4180, 32.8370

Monochromacy



Original Color

28.1476, 28.4925, 31.2102

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.7081, 28.7157, 31.2764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1476, 28.4925, 31.2102 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(153, 143, 146)` looks like.

```
.text, #text, p{  
    color:rgb(153, 143, 146)  
}
```

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(153, 143, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 143, 146) }
```

Border

The CSS property to change the border of an element to XYZ 28.1476, 28.4925, 31.2102 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(153, 143, 146) }
```


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

```
.border{ border-color:rgb(153, 143, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 143, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 143, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 143, 146);  
box-shadow:4px 4px 4px 4px rgb(153, 143,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1476, 28.4925, 31.2102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 143, 146) }
```

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

```
.background{ background-color: rgb(153,  
143, 146) }
```

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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