

Converting Colors

XYZ(30.2416, 31.5475, 29.4183)

Have a look what the booklet for
XYZ(30.2416, 31.5475, 29.4183)
contains.

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Color

**XYZ(30.0983, 31.3976,
29.2849)**

Conversions

Conversions Part 1

Format	Color
Hex	9F978C
RGB	159, 151, 140
RGB Percent	62%, 59%, 55%
CMY	0.3765, 0.4078, 0.4510
CMYK	0.00, 0.05, 0.12, 0.38
HSL	35°, 9%, 59%
HSV	35°, 12%, 62%
XYZ	30.0983, 31.3976, 29.2849
YIQ	152.1380, 8.2990, -1.7250

Conversions

Conversions Part 2

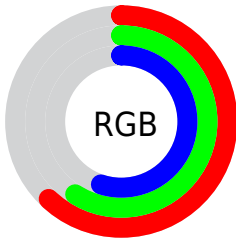
Format	Color
RYB	154, 159, 140
Decimal	10459020
CIELab	62.84, 0.97, 6.83
CIElCh	63, 6.903, 81.936
Yxy	31.3976, 0.3315, 0.3459
Android (android.graphics.Color)	4288649100 (0xFF9F978C)
YUV	152.1380, -5.9840, 6.0180
Hunter-Lab	56.0336, -2.1779, 8.2367

Details

The XYZ color **30.0983, 31.3976, 29.2849** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.6630, 29.2579, 36.9905**, and the grayscale version is **29.9278, 31.4864, 34.2887**.

A 20% lighter version of the original color is **59.3005, 61.8538, 59.8524**, and **12.5870, 13.0407, 11.5266** is the 20% darker color. If you saturate the color by 10%, you get **27.9633, 28.8699, 23.2009**, and if you desaturate by 10%, it is **32.4657, 34.1181, 36.2829**.

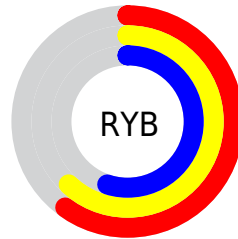
Distribution



Red (62%)

Green (59%)

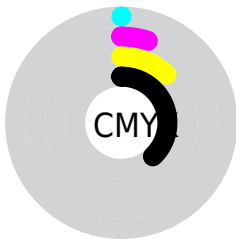
Blue (55%)



Red (60%)

Yellow (62%)

Blue (55%)

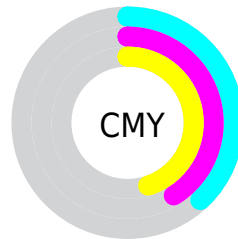


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0983, 31.3976, 29.2849 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 30.0983, 31.3976, 29.2849 by changing the saturation by 10% instead.

■ 30.0983, 31.3976,
29.2849

■ 30.0983, 31.3976,
29.2849

294.2640,
308.3659, 312.6597

■ 20.0617, 20.9018,
19.0490

■ 59.2032, 61.8655,
59.5770

■ 12.5484, 13.0522,
11.5285

■ 79.0021, 82.6064,
80.4703

■ 7.1932, 7.4645,
6.3049

■ 102.7858,
107.5311, 105.7532

■ 3.6306, 3.7543,
2.9596

130.9197,
137.0241, 135.8441

■ 1.4953, 1.5371,
1.0740

163.7691,
171.4696, 171.1617

■ 0.3227, 0.3146,
0.0000

201.6994,

■ 0.0000, 0.0000,

211.2522, 212.1245

0.0000

245.0759,
256.7561, 259.1510

■ 30.0983, 31.3976,
29.2849

■ 30.0983, 31.3976,
29.2849

■ 27.9633, 28.8699,
23.2009

■ 32.4657, 34.1181,
36.2829

■ 26.0497, 26.5260,
17.9906

■ 35.0706, 37.0320,
44.2292

■ 24.3497, 24.3622,
13.6133

■ 37.9212, 40.1451,
53.1584

■ 22.8539, 22.3728,
10.0246

■ 41.0247, 43.4618,
63.1031

■ 21.5519, 20.5522,
7.1758

■ 44.3876, 46.9862,
74.0942

■ 20.4324, 18.8939,
5.0125

■ 48.0166, 50.7223,
86.1613

■ 19.4827, 17.3910,
3.4730

■ 51.9179, 54.6741,
99.3330

■ 18.6876, 16.0355,
2.4843

■ 54.0698, 58.0342,
102.9597

■ 18.1323, 15.0391,
1.9472

■ 55.7003, 61.2953,
103.5032

Harmonies

Analogous

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



30.9778, 31.3976, 30.2479



30.0983, 31.3976, 29.2849



29.1683, 31.3976, 29.5795

Triad

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



30.0983, 31.3976, 29.2849



28.1872, 31.3976, 36.1694



31.2973, 31.3976, 37.4993

Complementary

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



30.0983, 31.3976, 29.2849



27.6630, 29.2579, 36.9905

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.



30.5270, 31.3976, 39.2489



30.0983, 31.3976, 29.2849



28.7353, 31.3976, 38.4533

Square

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



30.0983, 31.3976, 29.2849



28.0779, 31.3976, 33.4613



29.5881, 31.3976, 39.6069



31.6795, 31.3976, 34.9224

Rectangle

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



30.0983, 31.3976, 29.2849



28.6436, 31.3976, 30.4569



29.5881, 31.3976, 39.6069



31.0744, 31.3976, 38.2091

Sweetspot

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



30.0992, 31.3990, 29.2856



57.2060, 60.0374, 62.1737



29.0403, 28.2730, 32.0409



12.8264, 13.4548, 13.8064



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.0992, 31.3990, 29.2856



52.9820, 55.1529, 49.7797



31.1802, 33.9321, 29.7175



6.9360, 7.2520, 7.0199



14.3633, 11.9622, 1.5519



0.2981, 0.2964, 0.0415

Inverse Universe

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



27.6630, 29.2579, 36.9905



47.8545, 50.6466, 65.9970



26.6664, 26.9459, 36.5968



6.5027, 6.8712, 8.3902



6.5640, 5.2196, 26.5687



0.1583, 0.1751, 0.4887

Previews

White Background



This preview shows how the XYZ color 30.0983, 31.3976, 29.2849 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 30.0983, 31.3976, 29.2849 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

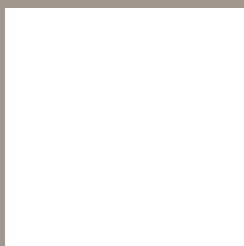
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0983, 31.3976, 29.2849

Background



This preview shows how black text looks on a background with the XYZ color 30.0983, 31.3976, 29.2849.

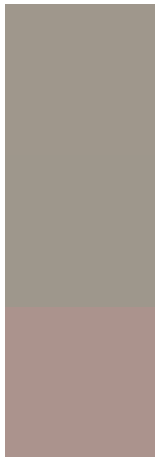


This preview shows how white text looks on a background with the XYZ color 30.0983, 31.3976,

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

30.0983, 31.3976, 29.2849

Protanopia

29.9008, 31.2958, 29.2757

Deuteranopia

32.0360, 31.4485, 29.5810



Tritanopia

31.8354, 31.3993, 37.6405

Trichromacy



Original Color

30.0983, 31.3976, 29.2849

Protanomaly

29.9008, 31.2958, 29.2757

Deuteranomaly

31.3340, 31.3184, 29.5929

Tritanomaly

31.1952, 31.3719, 34.5482

Monochromacy



Original Color

30.0983, 31.3976, 29.2849

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.0911, 31.5632, 32.5233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0983, 31.3976, 29.2849 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(159, 151, 140)` looks like.

```
.text, #text, p{  
    color:rgb(159, 151, 140)  
}
```

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(159, 151, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 151, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.0983, 31.3976, 29.2849 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(159, 151, 140) }
```


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

```
.border{ border-color:rgb(159, 151, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 151, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 151, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 151, 140);  
box-shadow:4px 4px 4px 4px rgb(159, 151,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0983, 31.3976, 29.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 151, 140) }
```

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

```
.background{ background-color: rgb(159,  
151, 140) }
```

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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