

Converting Colors

XYZ(28.1185, 31.6142, 26.2355)

Have a look what the booklet for
XYZ(28.1185, 31.6142, 26.2355)
contains.

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Color

**XYZ(28.1979, 31.7115,
26.1075)**

Conversions

Conversions Part 1

Format	Color
Hex	949C83
RGB	148, 156, 131
RGB Percent	58%, 61%, 51%
CMY	0.4196, 0.3882, 0.4863
CMYK	0.05, 0.00, 0.16, 0.39
HSL	79°, 11%, 56%
HSV	79°, 16%, 61%
XYZ	28.1979, 31.7115, 26.1075
YIQ	150.7580, 3.2570, -9.4710

Conversions

Conversions Part 2

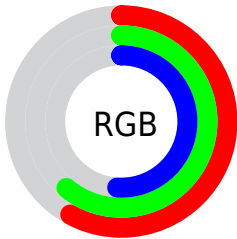
Format	Color
RYB	131, 156, 139
Decimal	9739395
CIELab	63.10, -7.49, 12.14
CIELCh	63, 14.260, 121.682
Yxy	31.7115, 0.3278, 0.3687
Android (android.graphics.Color)	4287929475 (0xFF949C83)
YUV	150.7580, -9.7407, -2.4188
Hunter-Lab	56.3130, -9.1664, 11.9314

Details

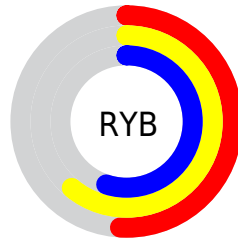
The XYZ color **28.1979, 31.7115, 26.1075** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7658, 24.1228, 34.8050**, and the grayscale version is **29.3520, 30.8806, 33.6289**.

A 20% lighter version of the original color is **56.0554, 62.1104, 54.3815**, and **11.5043, 13.2537, 9.9345** is the 20% darker color. If you saturate the color by 10%, you get **26.3356, 30.8655, 20.9105**, and if you desaturate by 10%, it is **30.2601, 32.6441, 32.1463**.

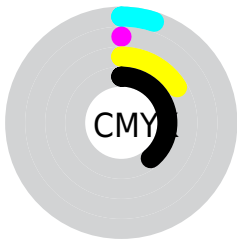
Distribution



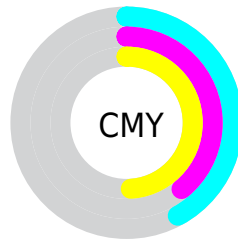
- Red (58%)
- Green (61%)
- Blue (51%)



- Red (51%)
- Yellow (61%)
- Blue (55%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (39%)



- Cyan (42%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1979, 31.7115, 26.1075 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 28.1979, 31.7115, 26.1075 by changing the saturation by 10% instead.

■ 28.1979, 31.7115,
26.1075

■ 28.1979, 31.7115,
26.1075

285.4743,
309.8029, 296.9316

■ 18.6161, 21.1412,
16.6776

■ 56.2067, 62.3585,
54.4345

■ 11.4956, 13.2273,
9.8454

■ 75.3644, 83.2041,
74.1687

■ 6.4709, 7.5852,
5.1923

■ 98.4448, 108.2436,
98.1748

■ 3.1769, 3.8307,
2.2998

125.8132,
137.8613, 126.8712

■ 1.2480, 1.5793,
0.7311

157.8350,
172.4417, 160.6766

■ 0.1437, 0.3436,
0.0000

194.8755,

■ 0.0000, 0.0000,

212.3692, 200.0094

0.0000

237.3002,
258.0281, 245.2883

■ 28.1979, 31.7115,
26.1075

■ 28.1979, 31.7115,
26.1075

■ 26.3356, 30.8655,
20.9105

■ 30.2601, 32.6441,
32.1463

■ 24.6631, 30.0988,
16.5158

■ 32.5269, 33.6619,
39.0598

■ 23.1731, 29.4095,
12.8839

■ 35.0057, 34.7692,
46.8817

■ 21.8568, 28.7941,
9.9712

■ 37.7030, 35.9686,
55.6435

■ 20.7046, 28.2485,
7.7294

■ 40.6249, 37.2626,
65.3750

■ 19.7057, 27.7685,
6.1046

■ 43.7773, 38.6535,
76.1046

■ 18.8477, 27.3490,
5.0344

■ 47.1658, 40.1436,
87.8597

■ 18.1135, 26.9831,
4.4316

■ 50.6660, 41.6833,
99.9830

■ 17.8408, 26.8464,
4.2416

■ 51.9172, 42.3284,
100.0416

Harmonies

Analogous

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



30.0299, 31.7115, 24.7944



28.1979, 31.7115, 26.1075



26.9327, 31.7115, 29.6414

Triad

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



28.1979, 31.7115, 26.1075



28.3823, 31.7115, 44.9677



34.0812, 31.7115, 34.2114

Complementary

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



28.1979, 31.7115, 26.1075



24.7658, 24.1228, 34.8050

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.



33.5941, 31.7115, 39.9251



28.1979, 31.7115, 26.1075



30.2520, 31.7115, 46.5254

Square

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



28.1979, 31.7115, 26.1075



27.0358, 31.7115, 40.5350



32.1710, 31.7115, 44.5895



33.4749, 31.7115, 29.1467

Rectangle

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



28.1979, 31.7115, 26.1075



26.5515, 31.7115, 32.9852



32.1710, 31.7115, 44.5895



34.0398, 31.7115, 36.1190

Sweetspot

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



28.1987, 31.7129, 26.1082



55.3242, 59.4526, 59.4808



27.0287, 27.1488, 25.2889



12.1172, 13.0567, 12.9189



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.1987, 31.7129, 26.1082



50.0415, 57.0645, 44.0890



26.0720, 30.6165, 26.0087



6.9635, 7.6138, 7.0883



14.7317, 22.1312, 3.4953



0.3053, 0.4173, 0.0645

Inverse Universe

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



24.7658, 24.1228, 34.8050



42.6768, 40.7799, 62.7487



26.9582, 25.2530, 34.9076



6.4747, 6.5332, 8.3265



6.0565, 2.5513, 26.0805



0.1497, 0.0670, 0.4683

Previews

White Background



This preview shows how the XYZ color 28.1979, 31.7115, 26.1075 looks on a white background.

Color Contrast Check

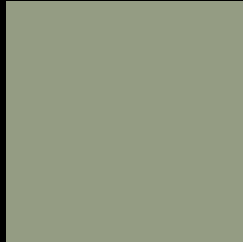
Large Text (above 18pt) WCAG AA × Fail

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 28.1979, 31.7115, 26.1075 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

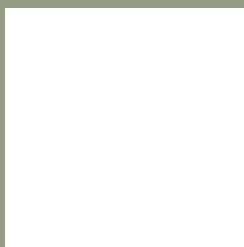
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1979, 31.7115, 26.1075

Background



This preview shows how black text looks on a background with the XYZ color 28.1979, 31.7115, 26.1075.



This preview shows how white text looks on a background with the XYZ color 28.1979, 31.7115,

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

28.1979, 31.7115, 26.1075

Protanopia

29.8886, 31.6185, 25.2966

Deuteranopia

32.1229, 31.5596, 26.5888



Tritanopia

30.8143, 31.5499, 39.1160

Trichromacy



Original Color

28.1979, 31.7115, 26.1075

Protanomaly

29.1308, 31.4621, 25.6565

Deuteranomaly

30.5883, 31.4780, 26.2935

Tritanomaly

29.7396, 31.5961, 33.8094

Monochromacy



Original Color

28.1979, 31.7115, 26.1075

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.0030, 31.2801, 30.8946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1979, 31.7115, 26.1075 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(148, 156, 131) looks like.

```
.text, #text, p{  
    color:rgb(148, 156, 131)  
}
```

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(148, 156, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 156, 131) }
```

Border

The CSS property to change the border of an element to XYZ 28.1979, 31.7115, 26.1075 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(148, 156, 131) }
```


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

```
.border{ border-color:rgb(148, 156, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 156, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 156, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 156, 131);  
box-shadow:4px 4px 4px 4px rgb(148, 156,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1979, 31.7115, 26.1075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 156, 131) }
```

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

```
.background{ background-color: rgb(148,  
156, 131) }
```

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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