

Converting Colors

XYZ(27.1997, 31.2243, 26.8373)

Have a look what the booklet for
XYZ(27.1997, 31.2243, 26.8373)
contains.

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Color

**XYZ(27.1066, 31.1331,
26.7709)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9C85
RGB	141, 156, 133
RGB Percent	55%, 61%, 52%
CMY	0.4471, 0.3882, 0.4784
CMYK	0.10, 0.00, 0.15, 0.39
HSL	99°, 10%, 57%
HSV	99°, 15%, 61%
XYZ	27.1066, 31.1331, 26.7709
YIQ	148.8930, -1.5570, -10.3330

Conversions

Conversions Part 2

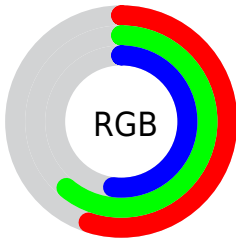
Format	Color
RYB	133, 156, 148
Decimal	9280645
CIELab	62.62, -9.76, 10.26
CIElCh	63, 14.161, 133.585
Yxy	31.1331, 0.3189, 0.3662
Android (android.graphics.Color)	4287470725 (0xFF8D9C85)
YUV	148.8930, -7.8352, -6.9222
Hunter-Lab	55.7970, -10.9283, 10.6111

Details

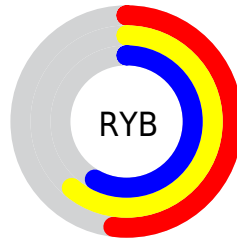
The XYZ color **27.1066, 31.1331, 26.7709** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.6022, 25.4721, 34.9686**, and the grayscale version is **28.5551, 30.0422, 32.7160**.

A 20% lighter version of the original color is **54.4152, 61.2405, 55.4070**, and **10.9273, 12.9518, 10.1076** is the 20% darker color. If you saturate the color by 10%, you get **24.4567, 29.8834, 21.4325**, and if you desaturate by 10%, it is **30.0773, 32.5315, 32.9613**.

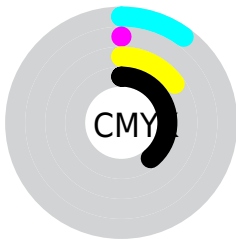
Distribution



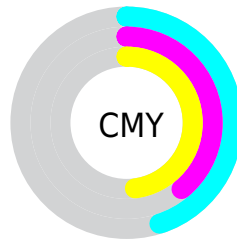
- Red (55%)
- Green (61%)
- Blue (52%)



- Red (52%)
- Yellow (61%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (39%)



- Cyan (45%)
- Magenta (39%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1066, 31.1331, 26.7709 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 27.1066, 31.1331, 26.7709 by changing the saturation by 10% instead.

■ 27.1066, 31.1331,
26.7709

■ 27.1066, 31.1331,
26.7709

280.3310,
307.1510, 300.2711

■ 17.7903, 20.7002,
17.1703

■ 54.4736, 61.4496,
55.5153

■ 10.8983, 12.9051,
10.1928

■ 73.2549, 82.1019,
75.4962

■ 6.0653, 7.3632,
5.4197

■ 95.9220, 106.9296,
99.7742

■ 2.9259, 3.6903,
2.4325

122.8402,
136.3169, 128.7680

■ 1.1147, 1.5019,
0.8041

154.3749,
170.6484, 162.8960

■ 0.0373, 0.2900,
0.0000

190.8913,

■ 0.0000, 0.0000,

210.3083, 202.5769

0.0000

232.7549,
255.6810, 248.2291

■ 27.1066, 31.1331,
26.7709

■ 27.1066, 31.1331,
26.7709

■ 24.4567, 29.8834,
21.4325

■ 30.0773, 32.5315,
32.9613

■ 22.1138, 28.7733,
16.9068

■ 33.3769, 34.0794,
40.0365

■ 20.0666, 27.7989,
13.1545

■ 37.0165, 35.7825,
48.0302

■ 18.3025, 26.9545,
10.1322

■ 41.0059, 37.6452,
56.9738

■ 16.8073, 26.2340,
7.7922

■ 45.3542, 39.6718,
66.8970

■ 15.5660, 25.6306,
6.0811

■ 50.0704, 41.8660,
77.8283

■ 14.5615, 25.1370,
4.9377

■ 55.1633, 44.2319,
89.7952

■ 13.7734, 24.7444,
4.2856

■ 60.1863, 46.5912,
100.4286

■ 13.4240, 24.5695,
4.0349

■ 63.4051, 48.2505,
100.5792

Harmonies

Analogous

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



28.7283, 31.1331, 24.5852



27.1066, 31.1331, 26.7709



26.1735, 31.1331, 30.9842

Triad

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



27.1066, 31.1331, 26.7709



28.5551, 31.1331, 45.1447



33.3453, 31.1331, 31.4640

Complementary

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



27.1066, 31.1331, 26.7709



26.6022, 25.4721, 34.9686

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.



33.2939, 31.1331, 36.9904



27.1066, 31.1331, 26.7709



30.4710, 31.1331, 45.3093

Square

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



27.1066, 31.1331, 26.7709



26.9846, 31.1331, 41.7632



32.2229, 31.1331, 42.1910



32.3602, 31.1331, 27.0892

Rectangle

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



27.1066, 31.1331, 26.7709



26.0411, 31.1331, 34.5673



32.2229, 31.1331, 42.1910



33.4499, 31.1331, 33.2387

Sweetspot

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



27.1074, 31.1344, 26.7716



55.0062, 59.2621, 60.6687



28.5272, 29.9268, 26.4636



12.0144, 12.9982, 13.1605



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.



27.1074, 31.1344, 26.7716



47.4279, 55.6954, 44.9457



26.0382, 30.5553, 27.9866



6.7575, 7.5076, 7.0786



11.0912, 20.2545, 3.3249



0.2417, 0.3845, 0.0615

Inverse Universe

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



26.6022, 25.4721, 34.9686



46.3129, 43.2060, 63.0254



27.8116, 26.1289, 33.5215



6.6800, 6.6390, 8.3361



9.4710, 4.3115, 26.2403



0.2133, 0.0997, 0.4712

Previews

White Background



This preview shows how the XYZ color 27.1066, 31.1331, 26.7709 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 27.1066, 31.1331, 26.7709 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 27.1066, 31.1331, 26.7709

Background



This preview shows how black text looks on a background with the XYZ color 27.1066, 31.1331, 26.7709.



This preview shows how white text looks on a background with the XYZ color 27.1066, 31.1331,

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

27.1066, 31.1331, 26.7709

Protanopia

29.3939, 31.1159, 25.5758

Deuteranopia

31.6653, 31.0777, 27.2513



Tritanopia

29.7831, 31.2478, 39.5836

Trichromacy



Original Color

27.1066, 31.1331, 26.7709

Protanomaly

28.4369, 31.0966, 25.9762

Deuteranomaly

29.9074, 31.1110, 26.9830

Tritanomaly

28.6426, 31.0117, 34.6132

Monochromacy



Original Color

27.1066, 31.1331, 26.7709

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.0402, 30.5506, 30.4056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1066, 31.1331, 26.7709 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(141, 156, 133)` looks like.

```
.text, #text, p{  
    color:rgb(141, 156, 133)  
}
```

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(141, 156, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 156, 133) }
```

Border

The CSS property to change the border of an element to XYZ 27.1066, 31.1331, 26.7709 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(141, 156, 133) }
```


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

```
.border{ border-color:rgb(141, 156, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 156, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 156, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 156, 133);  
box-shadow:4px 4px 4px 4px rgb(141, 156,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1066, 31.1331, 26.7709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 156, 133) }
```

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

```
.background{ background-color: rgb(141,  
156, 133) }
```

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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