

Converting Colors

XYZ(27.5746, 31.4032, 26.4270)

Have a look what the booklet for
XYZ(27.5746, 31.4032, 26.4270)
contains.

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Color

**XYZ(27.5549, 31.3722,
26.4329)**

Conversions

Conversions Part 1

Format	Color
Hex	909C84
RGB	144, 156, 132
RGB Percent	56%, 61%, 52%
CMY	0.4353, 0.3882, 0.4823
CMYK	0.08, 0.00, 0.15, 0.39
HSL	90°, 11%, 56%
HSV	90°, 15%, 61%
XYZ	27.5549, 31.3722, 26.4329
YIQ	149.6760, 0.5520, -10.0080

Conversions

Conversions Part 2

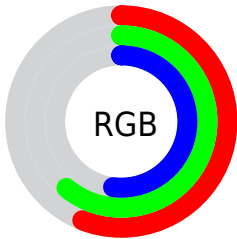
Format	Color
RYB	132, 156, 144
Decimal	9477252
CIELab	62.82, -8.82, 11.13
CIELCh	63, 14.206, 128.399
Yxy	31.3722, 0.3228, 0.3675
Android (android.graphics.Color)	4287667332 (0xFF909C84)
YUV	149.6760, -8.7143, -4.9779
Hunter-Lab	56.0109, -10.2049, 11.2272

Details

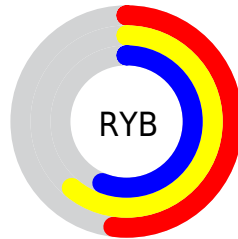
The XYZ color **27.5549, 31.3722, 26.4329** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7549, 24.8330, 34.8900**, and the grayscale version is **28.8884, 30.3929, 33.0979**.

A 20% lighter version of the original color is **55.0923, 61.6017, 54.8856**, and **11.2290, 13.1074, 10.1218** is the 20% darker color. If you saturate the color by 10%, you get **25.2506, 30.2995, 21.1630**, and if you desaturate by 10%, it is **30.1148, 32.5601, 32.5494**.

Distribution



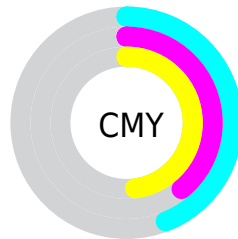
- Red (56%)
- Green (61%)
- Blue (52%)



- Red (52%)
- Yellow (61%)
- Blue (56%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (39%)



- Cyan (44%)
- Magenta (39%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5549, 31.3722, 26.4329 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 27.5549, 31.3722, 26.4329 by changing the saturation by 10% instead.

■ 27.5549, 31.3722,
26.4329

■ 27.5549, 31.3722,
26.4329

282.4527,
308.2494, 298.5735

■ 18.1291, 20.8824,
16.9191

■ 55.1867, 61.8256,
54.9651

■ 11.1430, 13.0381,
10.0155

■ 74.1234, 82.5580,
74.8207

■ 6.2311, 7.4548,
5.3035

■ 96.9611, 107.4734,
98.9605

■ 3.0281, 3.7481,
2.3646

124.0652,
136.9562, 127.8032

■ 1.1686, 1.5337,
0.7671

155.8011,
171.3908, 161.7673

■ 0.0814, 0.3123,
0.0000

192.5341,

■ 0.0000, 0.0000,

211.1616, 201.2714

0.0000

234.6295,
256.6530, 246.7340

■ 27.5549, 31.3722,
26.4329

■ 27.5549, 31.3722,
26.4329

■ 25.2506, 30.2995,
21.1630

■ 30.1148, 32.5601,
32.5494

■ 23.1903, 29.3340,
16.7005

■ 32.9362, 33.8626,
39.5455

■ 21.3654, 28.4731,
13.0058

■ 36.0279, 35.2846,
47.4548

■ 19.7656, 27.7125,
10.0356

■ 39.3977, 36.8293,
56.3087

■ 18.3798, 27.0474,
7.7419

■ 43.0528, 38.4998,
66.1369

■ 17.1956, 26.4727,
6.0711

■ 47.0003, 40.2992,
76.9679

■ 16.1991, 25.9825,
4.9614

■ 51.2470, 42.2303,
88.8292

■ 15.3725, 25.5694,
4.3319

■ 55.5075, 44.1792,
100.2096

■ 15.0301, 25.3975,
4.1100

■ 57.7333, 45.3267,
100.3138

Harmonies

Analogous

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



29.2753, 31.3722, 24.6199



27.5549, 31.3722, 26.4329



26.4741, 31.3722, 30.3653

Triad

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



27.5549, 31.3722, 26.4329



28.4625, 31.3722, 45.1181



33.6737, 31.3722, 32.6181

Complementary

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



27.5549, 31.3722, 26.4329



25.7549, 24.8330, 34.8900

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.



33.4329, 31.3722, 38.2562



27.5549, 31.3722, 26.4329



30.3680, 31.3722, 45.8897

Square

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



27.5549, 31.3722, 26.4329



26.9820, 31.3722, 41.2540



32.2024, 31.3722, 43.2606



32.8467, 31.3722, 27.9280

Rectangle

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



27.5549, 31.3722, 26.4329



26.2336, 31.3722, 33.8606



32.2024, 31.3722, 43.2606



33.7157, 31.3722, 34.4591

Sweetspot

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



27.5557, 31.3736, 26.4336



54.8344, 59.2001, 59.4579



27.8496, 28.6816, 25.8985



11.9961, 12.9943, 12.9133



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.



27.5557, 31.3736, 26.4336



48.7554, 56.3798, 45.0078



25.5700, 30.3499, 26.3406



6.8508, 7.5557, 7.0830



12.4195, 20.9392, 3.3871



0.2708, 0.3995, 0.0628

Inverse Universe

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



25.7549, 24.8330, 34.8900



44.9323, 42.4942, 62.9608



27.9636, 25.9716, 34.9934



6.5849, 6.5900, 8.3316



7.5717, 3.3324, 26.1514



0.1842, 0.0847, 0.4699

Previews

White Background



This preview shows how the XYZ color 27.5549, 31.3722, 26.4329 looks on a white background.

Color Contrast Check

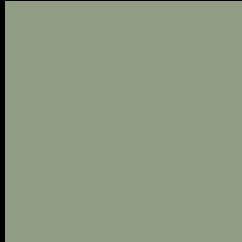
Large Text (above 18pt) WCAG AA × Fail

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 27.5549, 31.3722, 26.4329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

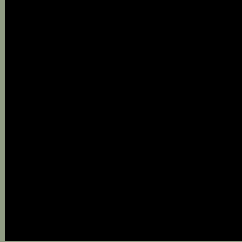
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.5549, 31.3722, 26.4329

Background



This preview shows how black text looks on a background with the XYZ color 27.5549, 31.3722, 26.4329.



This preview shows how white text looks on a background with the XYZ color 27.5549, 31.3722,

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

27.5549, 31.3722, 26.4329

Protanopia

29.5931, 31.2185, 25.5851

Deuteranopia

31.8155, 31.1632, 26.8925



Tritanopia

30.3235, 31.5264, 39.6089

Trichromacy



Original Color

27.5549, 31.3722, 26.4329

Protanomaly

28.8144, 31.2912, 25.9939

Deuteranomaly

30.0403, 31.1875, 26.6268

Tritanomaly

29.0914, 31.2525, 34.2048

Monochromacy



Original Color

27.5549, 31.3722, 26.4329

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.3989, 30.7355, 30.4224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5549, 31.3722, 26.4329 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(144, 156, 132)` looks like.

```
.text, #text, p{  
    color:rgb(144, 156, 132)  
}
```

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(144, 156, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 156, 132) }
```

Border

The CSS property to change the border of an element to XYZ 27.5549, 31.3722, 26.4329 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(144, 156, 132) }
```


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

```
.border{ border-color:rgb(144, 156, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 156, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 156, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 156, 132);  
box-shadow:4px 4px 4px 4px rgb(144, 156,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5549, 31.3722, 26.4329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 156, 132) }
```

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

```
.background{ background-color: rgb(144,  
156, 132) }
```

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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