

Converting Colors

XYZ(26.3861, 29.8374, 29.7948)

Have a look what the booklet for
XYZ(26.3861, 29.8374, 29.7948)
contains.

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Color

**XYZ(26.4271, 29.9697,
29.9831)**

Conversions

Conversions Part 1

Format	Color
Hex	88998E
RGB	136, 153, 142
RGB Percent	53%, 60%, 56%
CMY	0.4667, 0.4000, 0.4431
CMYK	0.11, 0.00, 0.07, 0.40
HSL	141°, 8%, 57%
HSV	141°, 11%, 60%
XYZ	26.4271, 29.9697, 29.9831
YIQ	146.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

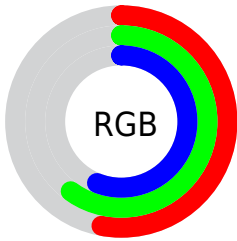
Format	Color
R_{YB}	136, 149, 153
Decimal	8952206
CIE _{Lab}	61.63, -8.26, 3.72
CIE _{LCh}	62, 9.062, 155.735
Yxy	29.9697, 0.3059, 0.3470
Android (android.graphics.Color)	4287142286 (0xFF88998E)
YUV	146.6630, -2.2989, -9.3515
Hunter-Lab	54.7446, -9.6349, 5.8486

Details

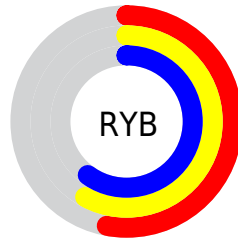
The XYZ color **26.4271, 29.9697, 29.9831** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2086, 26.4880, 31.2839**, and the grayscale version is **27.6059, 29.0435, 31.6284**.

A 20% lighter version of the original color is **53.2629, 59.4300, 60.8884**, and **10.5209, 12.2539, 11.9359** is the 20% darker color. If you saturate the color by 10%, you get **23.4068, 28.4957, 26.1323**, and if you desaturate by 10%, it is **29.8698, 31.6556, 34.1996**.

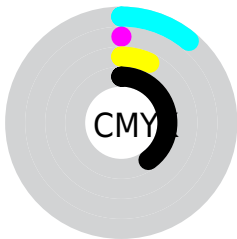
Distribution



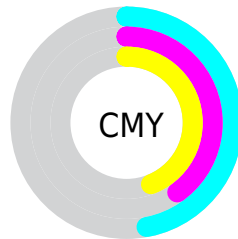
- Red (53%)
- Green (60%)
- Blue (56%)



- Red (53%)
- Yellow (58%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4271, 29.9697, 29.9831 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 26.4271, 29.9697, 29.9831 by changing the saturation by 10% instead.

■ 26.4271, 29.9697,
29.9831

■ 26.4271, 29.9697,
29.9831

277.0908,
301.7632, 316.0305

■ 17.2778, 19.8156,
19.5738

■ 53.3896, 59.6143,
60.6961

■ 10.5293, 12.2611,
11.9046

■ 71.9334, 79.8735,
81.8370

■ 5.8162, 6.9217,
6.5570

■ 94.3395, 104.2699,
107.3921

■ 2.7732, 3.4132,
3.1124

120.9732,
133.1879, 137.7800

■ 1.0350, 1.3511,
1.1523

152.1998,
167.0118, 173.4193

■ 0.0000, 0.1802,
0.0000

188.3847,

■ 0.0000, 0.0000,

206.1260, 214.7284

0.0000

229.8933,
250.9150, 262.1260

■ 26.4271, 29.9697,
29.9831

■ 26.4271, 29.9697,
29.9831

■ 23.4068, 28.4957,
26.1323

■ 29.8698, 31.6556,
34.1996

■ 20.7899, 27.2213,
22.6357

■ 33.7483, 33.5574,
38.7893

■ 18.5593, 26.1388,
19.4836

■ 38.0781, 35.6840,
43.7617

■ 16.6959, 25.2386,
16.6655

■ 42.8736, 38.0424,
49.1255

■ 15.1787, 24.5102,
14.1703

■ 48.1482, 40.6394,
54.8892

■ 13.9848, 23.9418,
11.9861

■ 53.9149, 43.4817,
61.0609

■ 13.0881, 23.5203,
10.1004

■ 60.1863, 46.5753,
67.6484

■ 12.4582, 23.2303,
8.4997

■ 65.7108, 49.2752,
74.6003

■ 12.0575, 23.0499,
7.3029

■ 67.0711, 49.8193,
81.7637

Harmonies

Analogous

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



27.1549, 29.9697, 27.5420



26.4271, 29.9697, 29.9831



26.2440, 29.9697, 33.2987

Triad

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



26.4271, 29.9697, 29.9831



28.7172, 29.9697, 39.6811



30.4055, 29.9697, 28.9120

Complementary

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



26.4271, 29.9697, 29.9831



27.2086, 26.4880, 31.2839

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.



30.8507, 29.9697, 31.9741



26.4271, 29.9697, 29.9831



29.8584, 29.9697, 38.3132

Square

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



26.4271, 29.9697, 29.9831



27.5447, 29.9697, 39.0550



30.6477, 29.9697, 35.4323



29.4470, 29.9697, 26.9547

Rectangle

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



26.4271, 29.9697, 29.9831



26.4510, 29.9697, 35.5953



30.6477, 29.9697, 35.4323



30.6214, 29.9697, 29.8378

Sweetspot

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



26.4279, 29.9710, 29.9838



52.2304, 56.0714, 59.7227



27.8779, 30.7691, 27.7628



11.4250, 12.3282, 13.0563



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.



26.4279, 29.9710, 29.9838



46.1044, 53.0743, 52.1613



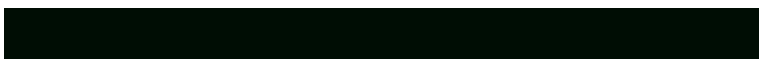
27.0869, 30.2346, 33.4541



6.2177, 6.9598, 7.0698



9.9795, 19.0553, 6.1127



0.1654, 0.2914, 0.1767

Inverse Universe

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



27.2086, 26.4880, 31.2839



47.7482, 45.7400, 54.8986



26.5694, 26.2323, 27.9177



6.3686, 6.2866, 7.3211



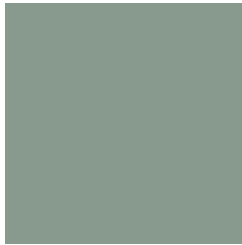
12.7352, 6.3483, 10.3967



0.2075, 0.1018, 0.2456

Previews

White Background



This preview shows how the XYZ color 26.4271, 29.9697, 29.9831 looks on a white background.

Color Contrast Check

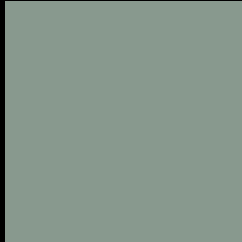
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4271, 29.9697, 29.9831 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

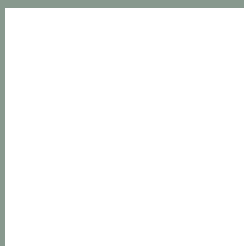
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4271, 29.9697, 29.9831

Background



This preview shows how black text looks on a background with the XYZ color 26.4271, 29.9697, 29.9831.



This preview shows how white text looks on a background with the XYZ color 26.4271, 29.9697,

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

26.4271, 29.9697, 29.9831

Protanopia

28.3870, 29.8162, 28.6850

Deuteranopia

30.5244, 29.9595, 30.5595



Tritanopia

28.0754, 29.9103, 38.4760

Trichromacy



Original Color

26.4271, 29.9697, 29.9831

Protanomaly

27.6726, 29.9092, 29.1255

Deuteranomaly

28.7181, 29.7206, 30.2097

Tritanomaly

27.4642, 29.9030, 35.3347

Monochromacy



Original Color

26.4271, 29.9697, 29.9831

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.1860, 29.3789, 31.0259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4271, 29.9697, 29.9831 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(136, 153, 142) looks like.

```
.text, #text, p{  
    color:rgb(136, 153, 142)  
}
```

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(136, 153, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 153, 142) }
```

Border

The CSS property to change the border of an element to XYZ 26.4271, 29.9697, 29.9831 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(136, 153, 142) }
```


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

```
.border{ border-color:rgb(136, 153, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 153, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 153, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 153, 142);  
box-shadow:4px 4px 4px 4px rgb(136, 153,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4271, 29.9697, 29.9831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 153, 142) }
```

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

```
.background{ background-color: rgb(136,  
153, 142) }
```

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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