

Converting Colors

XYZ(27.8507, 31.2844, 26.0433)

Have a look what the booklet for
XYZ(27.8507, 31.2844, 26.0433)
contains.

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Color

**XYZ(27.8507, 31.2844,
26.0433)**

Conversions

Conversions Part 1

Format	Color
Hex	939B83
RGB	147, 155, 131
RGB Percent	58%, 61%, 51%
CMY	0.4235, 0.3921, 0.4863
CMYK	0.05, 0.00, 0.15, 0.39
HSL	80°, 11%, 56%
HSV	80°, 15%, 61%
XYZ	27.8507, 31.2844, 26.0433
YIQ	149.8720, 2.9360, -9.1600

Conversions

Conversions Part 2

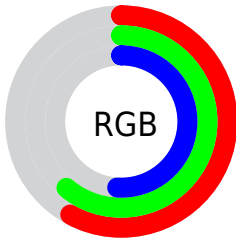
Format	Color
RYB	131, 155, 139
Decimal	9673603
CIELab	62.75, -7.33, 11.62
CIElCh	63, 13.739, 122.227
Yxy	31.2844, 0.3270, 0.3673
Android (android.graphics.Color)	4287863683 (0xFF939B83)
YUV	149.8720, -9.3039, -2.5187
Hunter-Lab	55.9325, -9.0005, 11.5461

Details

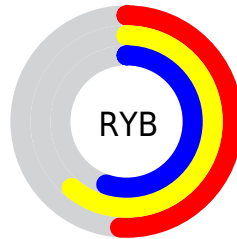
The XYZ color **27.8507, 31.2844, 26.0433** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6813, 24.0889, 34.3608**, and the grayscale version is **28.9732, 30.4820, 33.1949**.

A 20% lighter version of the original color is **55.5396, 61.4791, 54.2868**, and **11.2972, 12.9966, 9.8958** is the 20% darker color. If you saturate the color by 10%, you get **25.9720, 30.4293, 20.8757**, and if you desaturate by 10%, it is **29.9299, 32.2266, 32.0420**.

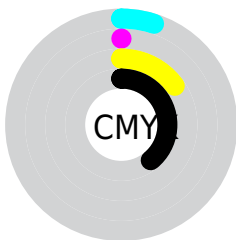
Distribution



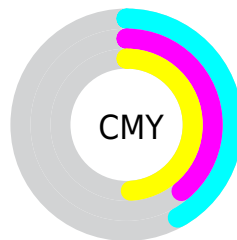
- Red (58%)
- Green (61%)
- Blue (51%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8507, 31.2844, 26.0433 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 27.8507, 31.2844, 26.0433 by changing the saturation by 10% instead.

■ 27.8507, 31.2844,
26.0433

■ 27.8507, 31.2844,
26.0433

283.8459,
307.8464, 296.6068

■ 18.3530, 20.8155,
16.6300

■ 55.6563, 61.6876,
54.3297

■ 11.3050, 12.9892,
9.8119

■ 74.6949, 82.3906,
74.0399

■ 6.3411, 7.4211,
5.1704

■ 97.6446, 107.2738,
98.0195

■ 3.0962, 3.7268,
2.2871

124.8707,
136.7216, 126.6870

■ 1.2049, 1.5220,
0.7240

156.7385,
171.1184, 160.4609

■ 0.1102, 0.3041,
0.0000

193.6133,

■ 0.0000, 0.0000,

210.8485, 199.7598

0.0000

235.8607,
256.2964, 245.0023

■ 27.8507, 31.2844,
26.0433

■ 27.8507, 31.2844,
26.0433

■ 25.9720, 30.4293,
20.8757

■ 29.9299, 32.2266,
32.0420

■ 24.2838, 29.6541,
16.5006

■ 32.2142, 33.2547,
38.9042

■ 22.7790, 28.9569,
12.8792

■ 34.7111, 34.3727,
46.6631

■ 21.4488, 28.3342,
9.9688

■ 37.4269, 35.5833,
55.3493

■ 20.2837, 27.7821,
7.7221

■ 40.3677, 36.8890,
64.9922

■ 19.2732, 27.2963,
6.0865

■ 43.5393, 38.2920,
75.6198

■ 18.4050, 26.8719,
5.0013

■ 46.9472, 39.7948,
87.2589

■ 17.6633, 26.5024,
4.3855

■ 50.5963, 41.3993,
99.9319

■ 17.3525, 26.3466,
4.1708

■ 51.8955, 42.0690,
99.9927

Harmonies

Analogous

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



29.5948, 31.2844, 24.7402



27.8507, 31.2844, 26.0433



26.6533, 31.2844, 29.4686

Triad

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



27.8507, 31.2844, 26.0433



28.0840, 31.2844, 44.0563



33.4907, 31.2844, 33.6632

Complementary

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



27.8507, 31.2844, 26.0433



24.6813, 24.0889, 34.3608

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.



33.0453, 31.2844, 39.1126



27.8507, 31.2844, 26.0433



29.8754, 31.2844, 45.4761

Square

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



27.8507, 31.2844, 26.0433



26.7839, 31.2844, 39.8806



31.7022, 31.2844, 43.5811



32.8950, 31.2844, 28.8413

Rectangle

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



27.8507, 31.2844, 26.0433



26.2990, 31.2844, 32.6839



31.7022, 31.2844, 43.5811



33.4577, 31.2844, 35.4812

Sweetspot

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



27.8515, 31.2858, 26.0440



53.7501, 57.7799, 57.8280



26.8480, 27.0735, 25.2838



12.1082, 13.0521, 12.9185



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.



27.8515, 31.2858, 26.0440



48.5272, 55.4130, 42.8705



25.8107, 30.2337, 25.9485



6.5087, 7.1197, 6.6370



13.9784, 21.1820, 3.3518



0.2471, 0.3363, 0.0519

Inverse Universe

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



24.6813, 24.0889, 34.3608



41.6139, 39.7173, 61.0092



26.7963, 25.1792, 34.4597



6.0689, 6.1214, 7.7907



5.9134, 2.4995, 25.0785



0.1243, 0.0558, 0.3766

Previews

White Background



This preview shows how the XYZ color 27.8507, 31.2844, 26.0433 looks on a white background.

Color Contrast Check

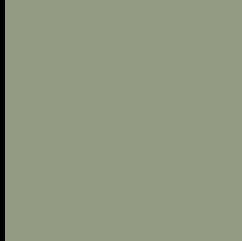
Large Text (above 18pt) WCAG AA × Fail

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 27.8507, 31.2844, 26.0433 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

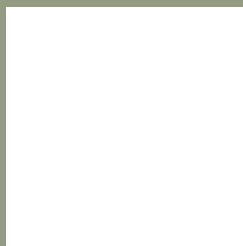
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8507, 31.2844, 26.0433

Background



This preview shows how black text looks on a background with the XYZ color 27.8507, 31.2844, 26.0433.



This preview shows how white text looks on a background with the XYZ color 27.8507, 31.2844,

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

27.8507, 31.2844, 26.0433

Protanopia

29.3271, 31.0891, 25.2240

Deuteranopia

31.7461, 31.1355, 26.5268



Tritanopia

30.5371, 31.4173, 38.6371

Trichromacy



Original Color

27.8507, 31.2844, 26.0433

Protanomaly

28.7751, 31.0367, 25.5932

Deuteranomaly

30.2221, 31.0533, 26.2308

Tritanomaly

29.3918, 31.1749, 33.7464

Monochromacy



Original Color

27.8507, 31.2844, 26.0433

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.5806, 30.8292, 30.4309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8507, 31.2844, 26.0433 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(147, 155, 131)` looks like.

```
.text, #text, p{  
    color:rgb(147, 155, 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(147, 155, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 155, 131) }
```

Border

The CSS property to change the border of an element to XYZ 27.8507, 31.2844, 26.0433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

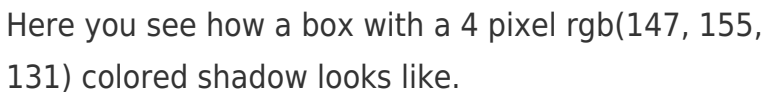
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 155, 131) }
```


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

```
.border{ border-color:rgb(147, 155, 131) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 155, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 155, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 155, 131); box-shadow:4px 4px 4px 4px rgb(147, 155, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8507, 31.2844, 26.0433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 155, 131) }
```

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

```
.background{ background-color: rgb(147,  
155, 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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