

Converting Colors

XYZ(26.8597, 31.9205, 28.0696)

Have a look what the booklet for
XYZ(26.8597, 31.9205, 28.0696)
contains.

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Color

**XYZ(26.8463, 31.9875,
28.0518)**

Conversions

Conversions Part 1

Format	Color
Hex	86A088
RGB	134, 160, 136
RGB Percent	53%, 63%, 53%
CMY	0.4745, 0.3725, 0.4667
CMYK	0.16, 0.00, 0.15, 0.37
HSL	125°, 12%, 58%
HSV	125°, 16%, 63%
XYZ	26.8463, 31.9875, 28.0518
YIQ	149.4900, -7.7920, -12.9760

Conversions

Conversions Part 2

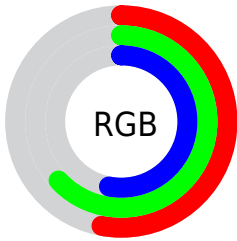
Format	Color
RYB	134, 158, 160
Decimal	8822920
CIELab	63.33, -13.89, 9.52
CIELCh	63, 16.840, 145.580
Yxy	31.9875, 0.3090, 0.3682
Android (android.graphics.Color)	4287013000 (0xFF86A088)
YUV	149.4900, -6.6506, -13.5847
Hunter-Lab	56.5575, -14.2465, 10.1832

Details

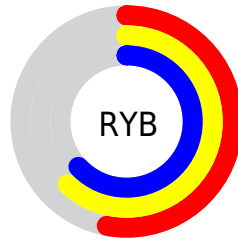
The XYZ color **26.8463, 31.9875, 28.0518** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.1950, 26.9933, 36.0208**, and the grayscale version is **28.8039, 30.3039, 33.0009**.

A 20% lighter version of the original color is **53.9793, 62.8398, 57.4284**, and **10.6984, 13.2818, 10.8039** is the 20% darker color. If you saturate the color by 10%, you get **23.5082, 30.3806, 22.7887**, and if you desaturate by 10%, it is **30.7167, 33.8539, 34.0963**.

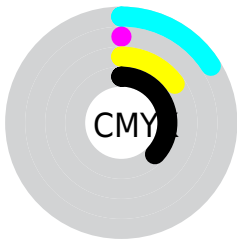
Distribution



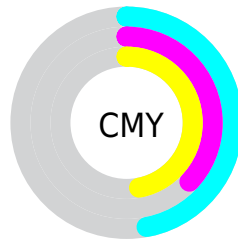
- Red (53%)
- Green (63%)
- Blue (53%)



- Red (53%)
- Yellow (62%)
- Blue (63%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (37%)



- Cyan (47%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8463, 31.9875, 28.0518 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 26.8463, 31.9875, 28.0518 by changing the saturation by 10% instead.

■ 26.8463, 31.9875,
28.0518

■ 26.8463, 31.9875,
28.0518

279.0933,
311.0623, 306.6341

■ 17.5938, 21.3520,
18.1253

■ 54.0588, 62.7915,
57.5912

■ 10.7567, 13.3815,
10.8696

■ 72.7494, 83.7287,
78.0413

■ 5.9695, 7.6918,
5.8662

■ 95.3169, 108.8686,
102.8362

■ 2.8671, 3.8984,
2.6964

122.1265,
138.5956, 132.3947

■ 1.0839, 1.6169,
0.9416

153.5436,
173.2941, 167.1352

■ 0.0115, 0.3689,
0.0000

189.9335,

■ 0.0000, 0.0000,

213.3484, 207.4762

0.0000

231.6616,
259.1430, 253.8363

■ 26.8463, 31.9875,
28.0518

■ 26.8463, 31.9875,
28.0518

■ 23.5082, 30.3806,
22.7887

■ 30.7167, 33.8539,
34.0963

■ 20.6766, 29.0179,
18.2732

■ 35.1386, 35.9864,
40.9500

■ 18.3275, 27.8886,
14.4719

■ 40.1333, 38.3961,
48.6420

■ 16.4340, 26.9796,
11.3482

■ 45.7202, 41.0927,
57.1993

■ 14.9664, 26.2765,
8.8625

■ 51.9180, 44.0851,
66.6477

■ 13.8916, 25.7632,
6.9706

■ 58.7444, 47.3819,
77.0119

■ 13.1714, 25.4210,
5.6231

■ 66.2164, 50.9914,
88.3156

■ 12.7544, 25.2247,
4.7622

■ 71.7263, 53.5688,
100.4590

■ 12.6397, 25.1701,
4.5499

■ 71.8614, 53.6228,
101.1705

Harmonies

Analogous

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



28.5047, 31.9875, 24.4666



26.8463, 31.9875, 28.0518



26.1410, 31.9875, 33.8470

Triad

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



26.8463, 31.9875, 28.0518



30.0583, 31.9875, 49.2936



34.6373, 31.9875, 29.5646

Complementary

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



26.8463, 31.9875, 28.0518



29.1950, 26.9933, 36.0208

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.



35.1051, 31.9875, 35.8297



26.8463, 31.9875, 28.0518



32.3841, 31.9875, 47.7683

Square

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



26.8463, 31.9875, 28.0518



27.9342, 31.9875, 46.5550



34.2611, 31.9875, 42.6182



33.0135, 31.9875, 25.2584

Rectangle

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



26.8463, 31.9875, 28.0518



26.2784, 31.9875, 38.3996



34.2611, 31.9875, 42.6182



34.9384, 31.9875, 31.4868

Sweetspot

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



26.8472, 31.9889, 28.0525



56.6451, 61.8880, 63.2667



31.0283, 34.1606, 27.5131



12.3135, 13.5201, 13.7048



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.8472, 31.9889, 28.0525



46.1233, 56.8171, 46.8128



27.8069, 32.3727, 33.1063



6.5704, 7.4089, 7.1725



9.8528, 19.6090, 3.5817



0.1815, 0.3528, 0.0923

Inverse Universe

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



29.1950, 26.9933, 36.0208



51.3193, 45.7606, 64.4462



28.1548, 26.5772, 30.5429



6.8821, 6.7458, 8.2304



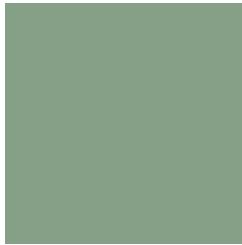
15.4454, 7.4827, 22.3944



0.2820, 0.1361, 0.4313

Previews

White Background



This preview shows how the XYZ color 26.8463, 31.9875, 28.0518 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 26.8463, 31.9875, 28.0518 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

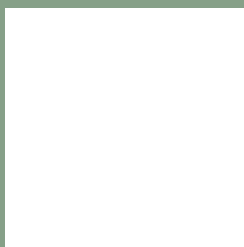
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8463, 31.9875, 28.0518

Background



This preview shows how black text looks on a background with the XYZ color 26.8463, 31.9875, 28.0518.



This preview shows how white text looks on a background with the XYZ color 26.8463, 31.9875,

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

26.8463, 31.9875, 28.0518

Protanopia

30.0533, 31.9220, 26.4074

Deuteranopia

32.4837, 31.9281, 28.8768



Tritanopia

29.6038, 32.0931, 41.6801

Trichromacy



Original Color

26.8463, 31.9875, 28.0518

Protanomaly

28.8846, 32.0497, 26.8541

Deuteranomaly

30.1138, 31.6624, 28.5690

Tritanomaly

28.3742, 31.8326, 36.1013

Monochromacy



Original Color

26.8463, 31.9875, 28.0518

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.9269, 30.7254, 30.8442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8463, 31.9875, 28.0518 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(134, 160, 136)` looks like.

```
.text, #text, p{  
    color:rgb(134, 160, 136)  
}
```

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(134, 160, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 160, 136) }
```

Border

The CSS property to change the border of an element to XYZ 26.8463, 31.9875, 28.0518 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(134, 160, 136) }
```


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

```
.border{ border-color:rgb(134, 160, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 160, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 160, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 160, 136);  
box-shadow:4px 4px 4px 4px rgb(134, 160,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8463, 31.9875, 28.0518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 160, 136) }
```

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

```
.background{ background-color: rgb(134,  
160, 136) }
```

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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