

Converting Colors

XYZ(26.6158, 31.1377, 27.6546)

Have a look what the booklet for
XYZ(26.6158, 31.1377, 27.6546)
contains.

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Color

**XYZ(26.5835, 31.0975,
27.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	889D87
RGB	136, 157, 135
RGB Percent	53%, 62%, 53%
CMY	0.4667, 0.3843, 0.4706
CMYK	0.13, 0.00, 0.14, 0.38
HSL	117°, 10%, 57%
HSV	117°, 14%, 62%
XYZ	26.5835, 31.0975, 27.5230
YIQ	148.2130, -5.4540, -11.2940

Conversions

Conversions Part 2

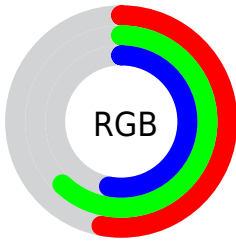
Format	Color
RYB	135, 157, 156
Decimal	8953223
CIELab	62.59, -11.76, 9.04
CIElCh	63, 14.838, 142.451
Yxy	31.0975, 0.3120, 0.3650
Android (android.graphics.Color)	4287143303 (0xFF889D87)
YUV	148.2130, -6.5140, -10.7108
Hunter-Lab	55.7651, -12.4972, 9.7729

Details

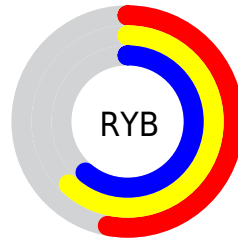
The XYZ color **26.5835, 31.0975, 27.5230** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4614, 26.8311, 35.5788**, and the grayscale version is **28.2659, 29.7379, 32.3846**.

A 20% lighter version of the original color is **53.6068, 61.5366, 56.6293**, and **10.6315, 12.9424, 10.5321** is the 20% darker color. If you saturate the color by 10%, you get **23.2926, 29.5203, 22.0180**, and if you desaturate by 10%, it is **30.3796, 32.9181, 33.9039**.

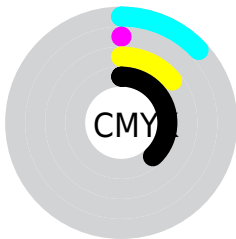
Distribution



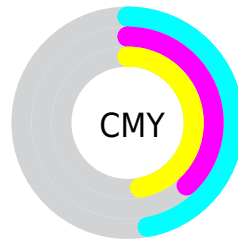
- Red (53%)
- Green (62%)
- Blue (53%)



- Red (53%)
- Yellow (62%)
- Blue (61%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (38%)



- Cyan (47%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5835, 31.0975, 27.5230 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 26.5835, 31.0975, 27.5230 by changing the saturation by 10% instead.

■ 26.5835, 31.0975,
27.5230

■ 26.5835, 31.0975,
27.5230

277.8393,
306.9872, 304.0205

■ 17.3956, 20.6731,
17.7305

■ 53.6394, 61.3935,
56.7359

■ 10.6140, 12.8853,
10.5892

■ 72.2382, 82.0340,
76.9933

■ 5.8733, 7.3496,
5.6807

■ 94.7046, 106.8486,
101.5762

■ 2.8081, 3.6817,
2.5863

121.4040,
136.2217, 130.9030

■ 1.0531, 1.4971,
0.8854

152.7019,
170.5377, 165.3923

■ 0.0000, 0.2867,
0.0000

188.9635,

■ 0.0000, 0.0000,

210.1810, 205.4626

0.0000

230.5541,
255.5361, 251.5325

■ 26.5835, 31.0975,
27.5230

■ 26.5835, 31.0975,
27.5230

■ 23.2926, 29.5203,
22.0180

■ 30.3796, 32.9181,
33.9039

■ 20.4831, 28.1724,
17.3488

■ 34.6982, 34.9875,
41.1945

■ 18.1332, 27.0443,
13.4752

■ 39.5589, 37.3161,
49.4292

■ 16.2185, 26.1243,
10.3528

■ 44.9797, 39.9123,
58.6401

■ 14.7122, 25.3998,
7.9330

■ 50.9777, 42.7844,
68.8576

■ 13.5846, 24.8566,
6.1613

■ 57.5691, 45.9402,
80.1110

■ 12.8019, 24.4785,
4.9754

■ 64.7696, 49.3870,
92.4283

■ 12.3246, 24.2469,
4.3004

■ 71.3476, 52.5952,
100.9992

■ 12.1469, 24.1612,
4.0234

Harmonies

Analogous

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



28.0986, 31.0975, 24.5846



26.5835, 31.0975, 27.5230



25.8716, 31.0975, 32.4195

Triad

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



26.5835, 31.0975, 27.5230



29.0499, 31.0975, 46.1277



33.2942, 31.0975, 29.7870

Complementary

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



26.5835, 31.0975, 27.5230



28.4614, 26.8311, 35.5788

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.



33.5773, 31.0975, 35.3424



26.5835, 31.0975, 27.5230



31.0655, 31.0975, 45.2161

Square

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



26.5835, 31.0975, 27.5230



27.2527, 31.0975, 43.4671



32.7449, 31.0975, 41.1017



31.9881, 31.0975, 25.7841

Rectangle

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



26.5835, 31.0975, 27.5230



25.9244, 31.0975, 36.3153



32.7449, 31.0975, 41.1017



33.5145, 31.0975, 31.5177

Sweetspot

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



26.5843, 31.0988, 27.5237



54.3583, 58.9280, 60.6384



30.1509, 32.6624, 27.6375



11.8482, 12.9126, 13.1527



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.



26.5843, 31.0988, 27.5237



45.5562, 54.7085, 45.8526



27.1528, 31.3075, 31.3605



6.5772, 7.4147, 7.0702



9.8737, 19.6268, 3.2680



0.1838, 0.3547, 0.0588

Inverse Universe

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



28.4614, 26.8311, 35.5788



49.6188, 45.4707, 63.2883



27.8440, 26.6066, 31.3141



6.8744, 6.7392, 8.3452



15.1471, 7.2376, 26.5059



0.2790, 0.1336, 0.4743

Previews

White Background



This preview shows how the XYZ color 26.5835, 31.0975, 27.5230 looks on a white background.

Color Contrast Check

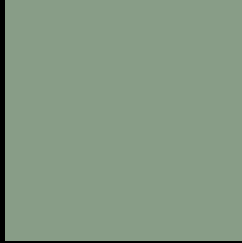
Large Text (above 18pt) WCAG AA × Fail

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 26.5835, 31.0975, 27.5230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

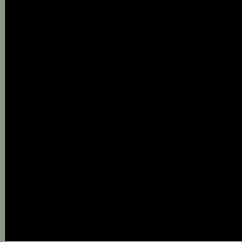
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.5835, 31.0975, 27.5230

Background



This preview shows how black text looks on a background with the XYZ color 26.5835, 31.0975, 27.5230.



This preview shows how white text looks on a background with the XYZ color 26.5835, 31.0975,

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

26.5835, 31.0975, 27.5230

Protanopia

29.3320, 31.0683, 26.2806

Deuteranopia

31.5888, 31.0218, 27.9898



Tritanopia

29.1673, 31.1618, 40.0749

Trichromacy



Original Color

26.5835, 31.0975, 27.5230

Protanomaly

28.2025, 30.9600, 26.6797

Deuteranomaly

29.4508, 30.8594, 27.6968

Tritanomaly

28.0358, 30.9333, 35.0649

Monochromacy



Original Color

26.5835, 31.0975, 27.5230

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.5261, 30.0457, 30.3352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5835, 31.0975, 27.5230 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, 157, 135)` looks like.

```
.text, #text, p{  
    color:rgb(136, 157, 135)  
}
```

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, 157, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 157, 135) }
```

Border

The CSS property to change the border of an element to XYZ 26.5835, 31.0975, 27.5230 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, 157, 135) }
```


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

```
.border{ border-color:rgb(136, 157, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 157, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 157, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 157, 135);  
box-shadow:4px 4px 4px 4px rgb(136, 157,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5835, 31.0975, 27.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 157, 135) }
```

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

```
.background{ background-color: rgb(136,  
157, 135) }
```

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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