

Converting Colors

XYZ(26.1027, 30.6422, 27.1099)

Have a look what the booklet for
XYZ(26.1027, 30.6422, 27.1099)
contains.

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Color

**XYZ(26.0231, 30.5665,
27.0826)**

Conversions

Conversions Part 1

Format	Color
Hex	869C86
RGB	134, 156, 134
RGB Percent	53%, 61%, 53%
CMY	0.4745, 0.3882, 0.4745
CMYK	0.14, 0.00, 0.14, 0.39
HSL	120°, 10%, 57%
HSV	120°, 14%, 61%
XYZ	26.0231, 30.5665, 27.0826
YIQ	146.9140, -6.0500, -11.5060

Conversions

Conversions Part 2

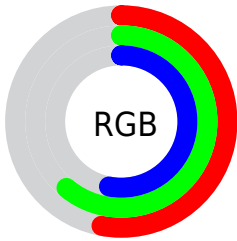
Format	Color
RYB	134, 156, 156
Decimal	8821894
CIELab	62.14, -12.14, 8.95
CIELCh	62, 15.079, 143.613
Yxy	30.5665, 0.3110, 0.3653
Android (android.graphics.Color)	4287011974 (0xFF869C86)
YUV	146.9140, -6.3666, -11.3256
Hunter-Lab	55.2870, -12.7338, 9.6574

Details

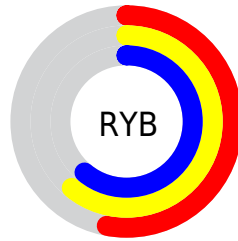
The XYZ color **26.0231, 30.5665, 27.0826** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.2373, 26.5192, 35.0845**, and the grayscale version is **27.7256, 29.1695, 31.7656**.

A 20% lighter version of the original color is **52.7574, 60.7412, 55.9573**, and **10.3080, 12.6281, 10.2817** is the 20% darker color. If you saturate the color by 10%, you get **22.7087, 28.9753, 21.6606**, and if you desaturate by 10%, it is **29.8665, 32.4136, 33.3685**.

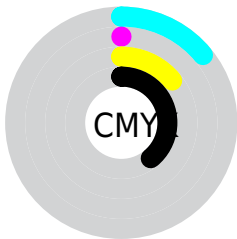
Distribution



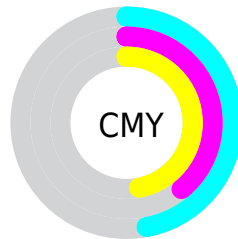
- Red (53%)
- Green (61%)
- Blue (53%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (39%)



- Cyan (47%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0231, 30.5665, 27.0826 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 26.0231, 30.5665, 27.0826 by changing the saturation by 10% instead.

■ 26.0231, 30.5665,
27.0826

■ 26.0231, 30.5665,
27.0826

275.1501,
304.5362, 301.8296

■ 16.9737, 20.2690,
17.4023

■ 52.7432, 60.5569,
56.0217

■ 10.3109, 12.5907,
10.3567

■ 71.1447, 81.0186,
76.1176

■ 5.6694, 7.1473,
5.5274

■ 93.3942, 105.6371,
100.5225

■ 2.6839, 3.5544,
2.4958

119.8571,
134.7969, 129.6548

■ 0.9889, 1.4276,
0.8379

150.8988,
168.8823, 163.9331

■ 0.0000, 0.2369,
0.0000

186.8846,

■ 0.0000, 0.0000,

208.2777, 203.7760

0.0000

228.1799,
253.3675, 249.6020

■ 26.0231, 30.5665,
27.0826

■ 26.0231, 30.5665,
27.0826

■ 22.7087, 28.9753,
21.6606

■ 29.8665, 32.4136,
33.3685

■ 19.8979, 27.6252,
17.0630

■ 34.2581, 34.5231,
40.5518

■ 17.5668, 26.5054,
13.2500

■ 39.2190, 36.9060,
48.6663

■ 15.6885, 25.6032,
10.1777

■ 44.7686, 39.5718,
57.7437

■ 14.2337, 24.9044,
7.7981

■ 50.9253, 42.5292,
67.8142

■ 13.1696, 24.3932,
6.0575

■ 57.7068, 45.7867,
78.9066

■ 12.4583, 24.0516,
4.8942

■ 65.1299, 49.3524,
91.0486

■ 12.0546, 23.8576,
4.2338

■ 71.1791, 52.2581,
100.9430

■ 11.8891, 23.7781,
3.9630

Harmonies

Analogous

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



27.5174, 30.5665, 24.0563



26.0231, 30.5665, 27.0826



25.3446, 30.5665, 32.0540

Triad

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



26.0231, 30.5665, 27.0826



28.6206, 30.5665, 45.6688



32.7766, 30.5665, 29.0030

Complementary

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



26.0231, 30.5665, 27.0826



28.2373, 26.5192, 35.0845

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.



33.1055, 30.5665, 34.5404



26.0231, 30.5665, 27.0826



30.6438, 30.5665, 44.6073

Square

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



26.0231, 30.5665, 27.0826



26.7986, 30.5665, 43.1131



32.3084, 30.5665, 40.3612



31.4294, 30.5665, 25.0715

Rectangle

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



26.0231, 30.5665, 27.0826



25.4227, 30.5665, 35.9819



32.3084, 30.5665, 40.3612



33.0124, 30.5665, 30.7201

Sweetspot

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



26.0239, 30.5678, 27.0833



54.2618, 58.8783, 60.6339



29.8417, 32.4447, 27.2443



11.8235, 12.8998, 13.1516



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.



26.0239, 30.5678, 27.0833



45.2153, 54.5328, 45.8366



26.8035, 30.8796, 31.1887



6.5508, 7.4011, 7.0689



9.7925, 19.5849, 3.2642



0.1751, 0.3502, 0.0584

Inverse Universe

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



28.2373, 26.5192, 35.0845



50.0485, 45.6921, 63.3084



27.3756, 26.1745, 30.5469



6.9042, 6.7546, 8.3466



16.2358, 7.7989, 26.5568



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 26.0231, 30.5665, 27.0826 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 26.0231, 30.5665, 27.0826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

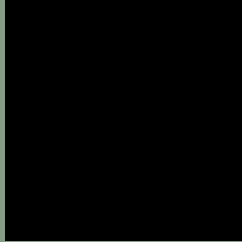
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.0231, 30.5665, 27.0826

Background



This preview shows how black text looks on a background with the XYZ color 26.0231, 30.5665, 27.0826.



This preview shows how white text looks on a background with the XYZ color 26.0231, 30.5665,

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

26.0231, 30.5665, 27.0826

Protanopia

28.7488, 30.3017, 25.8063

Deuteranopia

30.9315, 30.4634, 27.5423



Tritanopia

28.5765, 30.6258, 39.5272

Trichromacy



Original Color

26.0231, 30.5665, 27.0826

Protanomaly

27.7875, 30.5120, 26.2546

Deuteranomaly

28.8309, 30.3121, 27.2529

Tritanomaly

27.4575, 30.4007, 34.5578

Monochromacy



Original Color

26.0231, 30.5665, 27.0826

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.9442, 29.5165, 29.8683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0231, 30.5665, 27.0826 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, 156, 134)` looks like.

```
.text, #text, p{  
    color:rgb(134, 156, 134)  
}
```

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, 156, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 156, 134) }
```

Border

The CSS property to change the border of an element to XYZ 26.0231, 30.5665, 27.0826 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, 156, 134) }
```


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

```
.border{ border-color:rgb(134, 156, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 156, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 156, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 156, 134);  
box-shadow:4px 4px 4px 4px rgb(134, 156,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0231, 30.5665, 27.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 156, 134) }
```

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

```
.background{ background-color: rgb(134,  
156, 134) }
```

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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