

Converting Colors

XYZ(27.0266, 30.3280, 27.7854)

Have a look what the booklet for
XYZ(27.0266, 30.3280, 27.7854)
contains.

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Color

**XYZ(26.9905, 30.3108,
27.7206)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9988
RGB	142, 153, 136
RGB Percent	56%, 60%, 53%
CMY	0.4431, 0.4000, 0.4667
CMYK	0.07, 0.00, 0.11, 0.40
HSL	99°, 8%, 57%
HSV	99°, 11%, 60%
XYZ	26.9905, 30.3108, 27.7206
YIQ	147.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

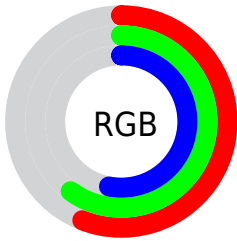
Format	Color
RYB	136, 153, 147
Decimal	9345416
CIELab	61.92, -7.22, 7.59
CIELCh	62, 10.477, 133.586
Yxy	30.3108, 0.3175, 0.3565
Android (android.graphics.Color)	4287535496 (0xFF8E9988)
YUV	147.7730, -5.8041, -5.0629
Hunter-Lab	55.0552, -8.8381, 8.6859

Details

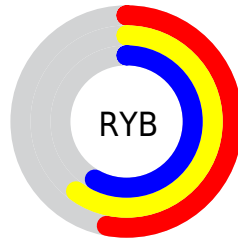
The XYZ color **26.9905, 30.3108, 27.7206** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5877, 26.1121, 33.7774**, and the grayscale version is **28.0782, 29.5404, 32.1695**.

A 20% lighter version of the original color is **54.2631, 60.0355, 56.8722**, and **10.8447, 12.4499, 10.6356** is the 20% darker color. If you saturate the color by 10%, you get **24.3560, 29.0704, 22.3206**, and if you desaturate by 10%, it is **29.9329, 31.6938, 33.9466**.

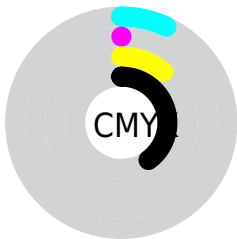
Distribution



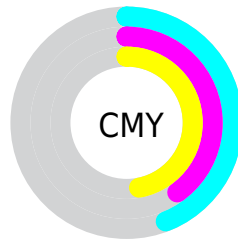
- Red (56%)
- Green (60%)
- Blue (53%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9905, 30.3108, 27.7206 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 26.9905, 30.3108, 27.7206 by changing the saturation by 10% instead.

■ 26.9905, 30.3108,
27.7206

■ 26.9905, 30.3108,
27.7206

279.7795,
303.3505, 304.9992

■ 17.7026, 20.0746,
17.8779

■ 54.2886, 60.1533,
57.0558

■ 10.8351, 12.4493,
10.6939

■ 73.0296, 80.5285,
77.3854

■ 6.0225, 7.0504,
5.7498

■ 95.6523, 105.0521,
102.0477

■ 2.8996, 3.4937,
2.6272

122.5221,
134.1085, 131.4613

■ 1.1009, 1.3946,
0.9065

154.0044,
168.0822, 166.0447

■ 0.0259, 0.2127,
0.0000

190.4645,

■ 0.0000, 0.0000,

207.3575, 206.2165

0.0000

232.2677,
252.3188, 252.3952

■ 26.9905, 30.3108,
27.7206

■ 26.9905, 30.3108,
27.7206

■ 24.3560, 29.0704,
22.3206

■ 29.9329, 31.6938,
33.9466

■ 22.0164, 27.9639,
17.7100

■ 33.1905, 33.2198,
41.0293

■ 19.9615, 26.9878,
13.8523

■ 36.7738, 34.8943,
49.0002

■ 18.1794, 26.1369,
10.7075

■ 40.6916, 36.7213,
57.8884

■ 16.6575, 25.4055,
8.2317

■ 44.9527, 38.7048,
67.7221

■ 15.3817, 24.7875,
6.3763

■ 49.5655, 40.8484,
78.5279

■ 14.3367, 24.2763,
5.0860

■ 54.5380, 43.1557,
90.3316

■ 13.5049, 23.8641,
4.2958

■ 59.3250, 45.4090,
100.2458

■ 12.9126, 23.5676,
3.8684

■ 62.4331, 47.0113,
100.3912

Harmonies

Analogous

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



28.1809, 30.3108, 26.0528



26.9905, 30.3108, 27.7206



26.3000, 30.3108, 30.8692

Triad

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



26.9905, 30.3108, 27.7206



28.0544, 30.3108, 40.9775



31.5103, 30.3108, 31.2227

Complementary

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



26.9905, 30.3108, 27.7206



26.5877, 26.1121, 33.7774

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.



31.4737, 30.3108, 35.2336



26.9905, 30.3108, 27.7206



29.4474, 30.3108, 41.0915

Square

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



26.9905, 30.3108, 27.7206



26.9005, 30.3108, 38.6178



30.7085, 30.3108, 38.9178



30.8068, 30.3108, 27.9612

Rectangle

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



26.9905, 30.3108, 27.7206



26.2017, 30.3108, 33.4885



30.7085, 30.3108, 38.9178



31.5848, 30.3108, 32.5228

Sweetspot

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



26.9913, 30.3121, 27.7213



52.5342, 56.2554, 58.5024



27.9795, 29.3460, 27.4827



11.5082, 12.3786, 12.7221



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.



26.9913, 30.3121, 27.7213



47.2783, 53.7851, 47.4467



26.1523, 29.8607, 28.5320



6.3276, 7.0263, 6.6286



10.7051, 19.4945, 3.1986



0.1971, 0.3105, 0.0496

Inverse Universe

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



26.5877, 26.1121, 33.7774



46.4283, 44.9408, 60.1994



27.5064, 26.6071, 32.8521



6.2496, 6.2145, 7.7991



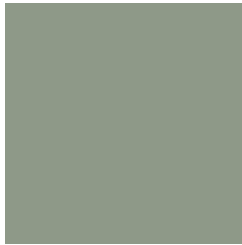
9.0428, 4.1128, 25.2249



0.1743, 0.0817, 0.3789

Previews

White Background



This preview shows how the XYZ color 26.9905, 30.3108, 27.7206 looks on a white background.

Color Contrast Check

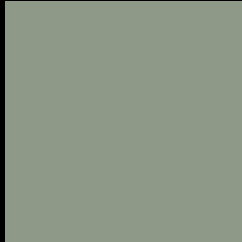
Large Text (above 18pt) WCAG AA × Fail

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 26.9905, 30.3108, 27.7206 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

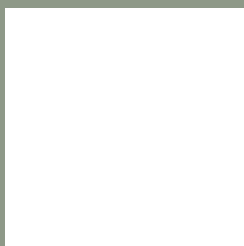
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9905, 30.3108, 27.7206

Background



This preview shows how black text looks on a background with the XYZ color 26.9905, 30.3108, 27.7206.



This preview shows how white text looks on a background with the XYZ color 26.9905, 30.3108,

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

26.9905, 30.3108, 27.7206

Protanopia

28.7608, 30.2840, 26.8838

Deuteranopia

30.7092, 30.1063, 28.2373



Tritanopia

29.0345, 30.1791, 38.0131

Trichromacy



Original Color

26.9905, 30.3108, 27.7206

Protanomaly

28.0420, 30.1413, 27.2615

Deuteranomaly

29.2472, 30.0445, 27.9246

Tritanomaly

28.2509, 30.0994, 34.0266

Monochromacy



Original Color

26.9905, 30.3108, 27.7206

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.7944, 29.9373, 30.6991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9905, 30.3108, 27.7206 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(142, 153, 136)` looks like.

```
.text, #text, p{  
    color:rgb(142, 153, 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(142, 153, 136) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 26.9905, 30.3108, 27.7206 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(142, 153, 136) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 26.9905, 30.3108, 27.7206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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