

Converting Colors

XYZ(27.9799, 30.4997, 26.9668)

Have a look what the booklet for
XYZ(27.9799, 30.4997, 26.9668)
contains.

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Color

**XYZ(28.1090, 30.6617,
26.9911)**

Conversions

Conversions Part 1

Format	Color
Hex	969886
RGB	150, 152, 134
RGB Percent	59%, 60%, 53%
CMY	0.4118, 0.4039, 0.4745
CMYK	0.01, 0.00, 0.12, 0.40
HSL	67°, 8%, 56%
HSV	67°, 12%, 60%
XYZ	28.1090, 30.6617, 26.9911
YIQ	149.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

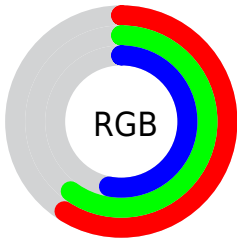
Format	Color
RYB	134, 152, 136
Decimal	9869446
CIELab	62.22, -4.04, 9.23
CIELCh	62, 10.071, 113.624
Yxy	30.6617, 0.3278, 0.3575
Android (android.graphics.Color)	4288059526 (0xFF969886)
YUV	149.3500, -7.5675, 0.5701
Hunter-Lab	55.3730, -6.2908, 9.8607

Details

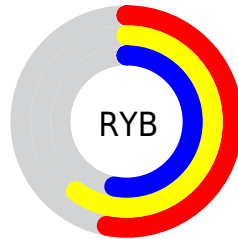
The XYZ color **28.1090, 30.6617, 26.9911** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3471, 24.5523, 33.1632**, and the grayscale version is **28.7447, 30.2417, 32.9332**.

A 20% lighter version of the original color is **55.9428, 60.5678, 55.7560**, and **11.3995, 12.6001, 10.2187** is the 20% darker color. If you saturate the color by 10%, you get **26.8155, 30.1096, 21.7886**, and if you desaturate by 10%, it is **29.5611, 31.2798, 32.9978**.

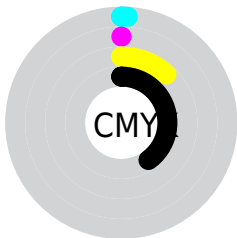
Distribution



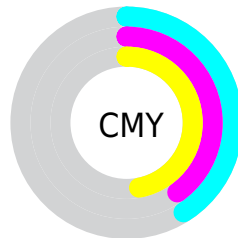
- Red (59%)
- Green (60%)
- Blue (53%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1090, 30.6617, 26.9911 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 28.1090, 30.6617, 26.9911 by changing the saturation by 10% instead.

■ 28.1090, 30.6617,
26.9911

■ 28.1090, 30.6617,
26.9911

285.0580,
304.9767, 301.3728

■ 18.5487, 20.3414,
17.3342

■ 56.0658, 60.7071,
55.8732

■ 11.4467, 12.6434,
10.3086

■ 75.1931, 81.2009,
75.9353

■ 6.4376, 7.1835,
5.4957

■ 98.2401, 105.8547,
100.3030

■ 3.1561, 3.5771,
2.4772

125.5721,
135.0528, 129.3948

■ 1.2369, 1.4399,
0.8280

157.5546,
169.1797, 163.6291

■ 0.1352, 0.2459,
0.0000

194.5528,

■ 0.0000, 0.0000,

208.6197, 203.4245

0.0000

236.9322,
253.7573, 249.1996

■ 28.1090, 30.6617,
26.9911

■ 28.1090, 30.6617,
26.9911

■ 26.8155, 30.1096,
21.7886

■ 29.5611, 31.2798,
32.9978

■ 25.6716, 29.6169,
17.3542

■ 31.1753, 31.9622,
39.8388

■ 24.6712, 29.1821,
13.6521

■ 32.9584, 32.7127,
47.5451

■ 23.8067, 28.8021,
10.6427

■ 34.9157, 33.5334,
56.1453

■ 23.0700, 28.4738,
8.2830

■ 37.0526, 34.4264,
65.6669

■ 22.4518, 28.1934,
6.5248

■ 39.3739, 35.3938,
76.1363

■ 21.9419, 27.9568,
5.3133

■ 41.8846, 36.4375,
87.5786

■ 21.5278, 27.7590,
4.5841

■ 44.4918, 37.5202,
99.5049

■ 21.2354, 27.6162,
4.2112

■ 44.8419, 37.7007,
99.5213

Harmonies

Analogous

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



29.4340, 30.6617, 26.4904



28.1090, 30.6617, 26.9911



27.0906, 30.6617, 29.1431

Triad

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



28.1090, 30.6617, 26.9911



27.6214, 30.6617, 39.7765



31.8162, 30.6617, 34.2229

Complementary

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



28.1090, 30.6617, 26.9911



24.3471, 24.5523, 33.1632

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.



31.2966, 30.6617, 38.0205



28.1090, 30.6617, 26.9911



28.8540, 30.6617, 41.3836

Square

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



28.1090, 30.6617, 26.9911



26.8152, 30.6617, 36.4731



30.2021, 30.6617, 40.7173



31.6018, 30.6617, 30.4771

Rectangle

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



28.1090, 30.6617, 26.9911



26.7086, 30.6617, 31.3207



30.2021, 30.6617, 40.7173



31.7211, 30.6617, 35.5388

Sweetspot

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



28.1098, 30.6630, 26.9918



51.5786, 54.9559, 55.7468



26.0290, 25.9495, 26.1916



11.6808, 12.4728, 12.4942



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.



28.1098, 30.6630, 26.9918



49.0341, 53.8731, 45.2819



26.5509, 29.8594, 26.9188



6.6412, 7.1880, 6.6432



17.8206, 23.1627, 3.5316



0.2832, 0.3549, 0.0536

Inverse Universe

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



24.3471, 24.5523, 33.1632



41.1614, 41.0872, 58.1949



25.8354, 25.3195, 33.2328



5.9451, 6.0576, 7.7849



4.9591, 2.0075, 25.0338



0.0888, 0.0376, 0.3749

Previews

White Background



This preview shows how the XYZ color 28.1090, 30.6617, 26.9911 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 28.1090, 30.6617, 26.9911 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

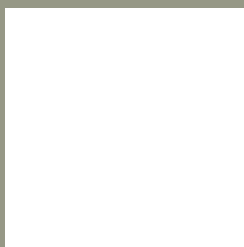
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1090, 30.6617, 26.9911

Background



This preview shows how black text looks on a background with the XYZ color 28.1090, 30.6617, 26.9911.



This preview shows how white text looks on a background with the XYZ color 28.1090, 30.6617,

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

28.1090, 30.6617, 26.9911

Protanopia

29.0446, 30.6742, 26.5802

Deuteranopia

31.0761, 30.5461, 27.1798



Tritanopia

30.2615, 30.5879, 37.5668

Trichromacy



Original Color

28.1090, 30.6617, 26.9911

Protanomaly

28.6267, 30.6967, 26.6066

Deuteranomaly

30.0673, 30.7156, 27.2657

Tritanomaly

29.4702, 30.5016, 33.6123

Monochromacy



Original Color

28.1090, 30.6617, 26.9911

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.3348, 30.2159, 30.7244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1090, 30.6617, 26.9911 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(150, 152, 134)` looks like.

```
.text, #text, p{  
    color:rgb(150, 152, 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(150, 152, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 152, 134) }
```

Border

The CSS property to change the border of an element to XYZ 28.1090, 30.6617, 26.9911 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(150, 152, 134) }
```


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

```
.border{ border-color:rgb(150, 152, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 152, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 152, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 152, 134);  
box-shadow:4px 4px 4px 4px rgb(150, 152,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1090, 30.6617, 26.9911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 152, 134) }
```

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

```
.background{ background-color: rgb(150,  
152, 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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